THE AMERICAN REVIEW OF REVIEWS

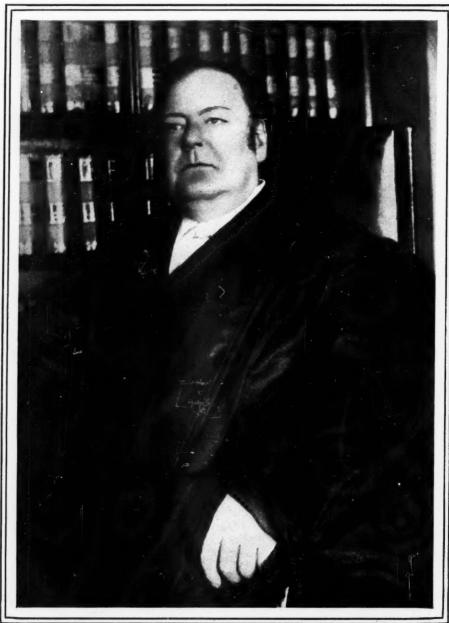
EDITED BY ALBERT SHAW

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Chief Justice Edward D. White Frontispe	iece	The London Town Planning Conference	46
The Progress of the World— Our New Chief Justice	3	By John Ihlder With illustrations	
As to Decisions and Their Critics. The Bench and the Citizen Justices Van Devanter and Lamar. The Court as It Stands.	4 4 5	Realizing the Dream of Panama By George F. Authier With map and other illustrations	49
Great Cases to Be Decided. Law and Its Relation to Business. The Men Who Supervise Railroads. The Commercial Court.	6 7 7 8	Farming with Automobiles	62
Mr. Lehmann as Lawyer for the Government. Mr. Brandeis and the Railroads. Labor-Union Opposition. Mr. Kellogg on Federal Control of Railways. Panama and the World's Fair.	9 10 11 11	The Automobile in Fire Service By Herbert T. Wade With illustrations	67
New State Constitutions. Democrats Now Looking Forward. The President's Yearly Report Mr. Wickersham's Busy Shop of Justice	11 12 13 14	Foreign-Born American Trees	72
The Rates on Second-Class Matter Our National Defenses Electing Our Senators. The Ballinger Report and Our "Resources".	14 15 16 16	Efficiency, Freight Rates, and Tariff Revision By Benjamin Baker	80
Population Growth	17 17 18	The Platinum and Nickel Industries By DAVID T. DAY	84
The Founder of Christian Science	20 22 22	Tax Reform in California	85
Panama and Central America. The Insurrection in Mexico.	23 23 24	Leading Articles of the Month-	
An Apathetic Election in England	24 25 26 27 27	A Glance at the World's Periodicals The Tariff and Cost of Production A German View of the "Roosevelt Destiny" Has Germany Designs on Holland and Turkey? Upper-House Reform in Italy	
Militarism in Central Europe. Domestic Problems of Germany. Austria and Turkey.	28 28 28	English and Spanish in the Philippines Varied Views of Tolstoy Brandes, Denmark's Foremost Personality	96 97 100
Peace and Arbitration at The Hague Despair in Russia. Ferment in Persia Progress in British India.	29 29 29 30	John Redmond on What Ireland Really Wants Dickens as a Social Reformer. Petroleum in Pan-America. Head-Hunting Subjects of the United States.	102 103
A Constitutional China	30 30 31	Modern Cultivation of Papyrus	107 109 110
Affairs in Canada	31	The Religious Situation in France	112
Record of Current Events	32	The Need of Economizing	113
Some Clever Cartoons	36	Noteworthy Fiction of the Season	117
Reciprocity Between the United States and Canada.	42	With portraits The New Books	122
By P. T. McGrath	-	With portraits and other illustrations	

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CHIEF JUSTICE EDWARD DOUGLASS WHITE OF THE UNITED STATES SUPREME COURT

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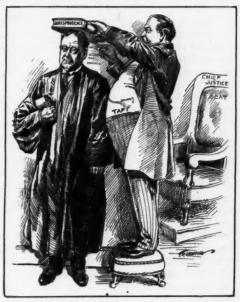
THE PROGRESS OF THE WORLD

Our New Chief cepted with expressions of approval so hearty preme Court; and the authority we repose in and unanimous that Mr. Taft's surprise may the men who constitute this high tribunal have been as great as that which he had given could only be justified by intelligence, wisthe country in making the appointment. He dom, and character on their part. Happily, had expected to encounter some criticism on the Supreme Court has justified itself through the part of those who might have felt that a Republican President ought not to select a Southern Democrat, who had been an ex-Confederate soldier, to be Chief Justice of the United States, so soon after naming Judge Lurton, he also being a Southern Democrat who had served in the Confederate army. But nobody is sorry to have partisanship disregarded in the appointment of judges; and every one who has observed the work of the Supreme Court has felt some measure of pride in the attainments, intellectual power and broad patriotism of the Louisiana jurist. It was undoubtedly the feeling of the federal judges, whether on the Supreme bench or in the ranks of the Circuit and District judiciary, that if the Chief Justiceship was to be filled by promotion, the honor should go to one of the older men on the bench, rather than to the youngest and most recently chosen. President's change of plan was, therefore, no slight to Justice Hughes.

The new Chief Justice was for many years on the Supreme bench years he was in the United States Senate. He

WHEN A REPUBLICAN PRESIDENT SELECTS A CHIEF
JUSTICE, HE CHOOSES A MAN WHO MEASURES UP THE
TALLEST. REGARDLESS OF WATTY APPRILATIONS was sixty-five years old in November. On

The appointment of Justice Ed- March 12 he will have been a member of the ward D. White to be Chief Justice Supreme Court at Washington for seventeen came last month as a complete years. He is large of physique and large of surprise. President Taft had freely informed brain and heart—with such talent for the many with whom he consulted that he had expounding of our Constitution and laws, and definitely decided to name Justice Hughes, such gifts of clear and keen analysis, that he recently Governor of New York; and every- may well help us to keep from losing faith in one was prepared to express confidence and the value of our most distinctive political satisfaction in the elevation of Justice Hughes. institution. For undoubtedly there is noth-But the President's change of plan was ac- ing so distinctive in our system as the Su-



From the Press (P adelphia)



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THE NEW CHIEF JUSTICE

twenty years of constitutional experience, in dealing with public issues. There is no The questions it has to answer are fraught better schooling than this in our system of with great consequences; and many of them government. In our State and minor courts in the past have been decided by a bare ma- we often have men lacking in professional jority of one vote in a tribunal of nine. Yet, training, and sometimes lacking in moral for working purposes, the country has nearly character. Such men should be criticized always accepted in perfect good faith the ruthlessly. Far from its being wrong to majority opinion, even when that of the watch the judges and criticize their work, it minority might have seemed equally wise; is a very praiseworthy practice and one which, and there has been surprisingly little harsh happily, must result in reassurance as reassault in all our history upon either the good gards the equipment of most of the men in faith or the intelligence of the court.

Justice White himself has de-Decisions and livered minority opinions in some Their Critics of the greatest cases that have been decided in recent years. He did not appointments to the highest bench were also agree with his colleagues in the decision that within a few days approved without a single overthrew the income tax some years ago, dissenting voice. When Congress assembled and his minority opinion in the Northern on December 5, it was supposed that the Securities case seemed to many of us at the President would be ready to send in the juditime as more convincing than the opinions cial appointments without delay. He had expressed by the majority. Interpreting a waited, however, to confer with a large numwritten constitution is by no means an exact, ber of Senators and other public men, and the scientific thing about which trained and log- appointments were made after consideration ical minds must necessarily agree. We have of a long list of names of lawyers and judges before us a period of great and critical activity regarded as worthy of the highest judicial on the part of our highest tribunal. We may rank. The three vacancies on the bench

men of fidelity and conscientious industry, as well as of legal learning and intellectual power. And it will be most reassuring if these nine men can agree in their opinions upon the great cases that are soon to come before them. It is quite possible, however, that they may differ in their views. Again and again Justice White has differed from the majority of his colleagues, and his dissenting opinions have brought every resource of a powerful logician to bear upon the destructive analysis of the prevailing arguments. No outside critics of the courts have been as relentless in assault as have the dissenting judges themselves. We beg to commend to young men of intelligence, whether lawyers or not, the practice of reading Supreme Court opinions particularly when, as in the Northern Securities case, the dissenting opinions are expressed in language at least as convincing as the opinions of the majority.

It is seldom necessary to criticize The Bench judges personally, nor yet to and the Citizen speak disparagingly of their decisions; but it is always proper to attempt to follow their reasoning. And it is highly commendable in American citizens to discuss to the best of their ability all the "pros and cons" the whole course of our one hundred and that the lawyers and courts themselves raise the high seats of justice.

The Senate naturally confirmed Justices Van Devanter without delay the promotion of and Lamar Justice White. The other two feel confident in having a bench made up of were caused by the deaths of Justice Brewer



JUSTICE WILLIS VAN DEVANTER, OF THE SUPREME COURT

is promoted from the United States Circuit well deserved. bench, and Judge Joseph R. Lamar, of Georgia. Judge Van Devanter, who is about fiftyone years old, has long been identified with the new State of Wyoming. He was its Chief Justice while it was still a Territory, Van Devanter, Lamar). Justices Holmes and remained in that position after it became and Day were appointed by President Roosea State. He was brought to Washington by velt. Justice McKenna was named by Presi-President McKinley, who gave him an im- dent McKinley. Justice White was appointed portant post in the office of the Attorney- by President Cleveland. Justice Harlan, General, and he was made a United States who will be seventy-eight years of age on Circuit Judge by President Roosevelt. West- June 1, was appointed by President Hayes ern lawyers who know him well regard him as thirty-three years ago. Justice Harlan keeps worthy of his new honor. Justice Lamar— a mind of remarkable vigor for a man of his

and Chief Justice Fuller, and the retirement whose name indicates his connection with a on account of illness of Justice Moody. One well-known Southern family once before repof these vacant seats had been filled by the resented on the highest bench—has had some appointment of Governor Hughes of New years of service in the Supreme Court of the York, who took his place on the bench in State of Georgia, and is a man of such recog-November. The other two are now filled by nized strength of mind and character that his the choice of Judge Willis Van Devanter, who choice for the Federal bench is regarded as

> Of the nine members of the pres-The Court ent bench, Mr. Taft has already as it Stands named four (Lurton, Hughes,

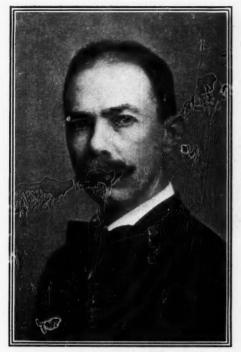


JUSTICE JOSEPH R. LAMAR, OF THE SUPREME COURT

with a man of superb talents for Chief Justice tice to the Supreme Court. The Governto our court of last resort.

Great Cases bered that these great suits had been argued packing-houses of Chicago and the West,

advanced years. The next in age on the before the court in 1900, but that they were bench is Justice Oliver Wendell Holmes, who regarded as so important that a full bench will be seventy in a few weeks, but whose was desired, and a rehearing was ordered mind is as fresh and active as it ever was, and after Justice Brewer's death. A recent dewho seems to have inherited from his father cision by the United States Circuit Court those gifts of mental elasticity and youth at Philadelphia, in the Government's case that are not affected by the passing years. against the anthracite-carrying roads, will Before this tribunal as thus reconstituted, also be appealed by the Department of Jusand four new members of experience and ment's object was to break up the so-called power, a number of great cases are to be anthracite monopoly. The Philadelphia detried in the early future, and the business cision sustains only a part of the Governmethods of this country must for a long time ment's case. The Philadelphia judges have be affected by the results of these appeals granted an injunction against the Temple Iron Company, which is the organization through which the anthracite roads have We are to have in the immediate regulated the output and prices of coal. It future a hearing of the argu- is thought by Government officials that the ments in the appealed Standard National Packing Company, which bears a Oil and Tobacco cases. It will be remem- like relation to the great cattle-buying and



HON, C. C. M'CHORD, OF KENTUCKY



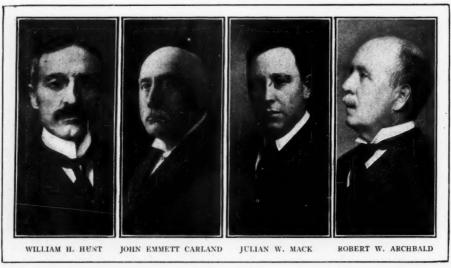
TWO NEW MEMBERS OF THE INTERSTATE COMMERCE COMMISSION

upon the control of certain patents.

Law and its the desirability of a federal corporation act, awaited with intense interest. but expects no immediate steps in that direc-There is no other commercial nation whose great business enterprises are under the ban of the law, or in the throes of prosecution or of hostile investigation at the hands business world than the creation of the new of the Government. Whether our existing Court of Commerce and the naming of its five

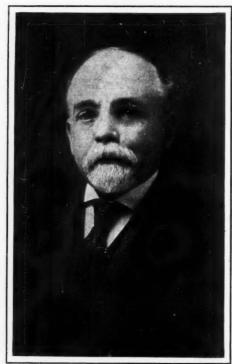
will be restrained in a similar fashion. The important to have them so interpreted that Government is about to proceed against the the managers of industrial and transportacombination of electrical companies that is tion companies may know of a certainty said to control the greater part of the busi- whether or not they are lawbreakers. Business of providing electrical machinery and ness corporations of national scope ought to appliances. This situation is said to turn be under national regulation. In so far as they are doing business properly they ought to be protected and encouraged. It will be a Thus we are to witness a greater great relief to have pending cases brought to range of activity in the enforce- a conclusion, and the expected prosecutions ment of the Sherman Anti-Trust pushed rapidly and sent up to the highest law than at any previous time. And we are court for decision. It is probable that Chief to have those sweeping and conclusive inter- Justice White and his learned associates can pretations of this law that the courts have render the country no better service than to not hitherto had the opportunity to give us. focus their energies, in so far as possible, President Taft, in his message to Congress, upon these great business cases. They must takes the ground that it will be better to lay down guiding principles for the lower have these pending cases prosecuted, and the courts, and rules of conduct for the officers law interpreted, before trying to amend the and legal counselors of our railway and in-Sherman law in any way. He still holds to dustrial corporations. Their findings will be

The Men Who The reorganizing of the Interstate Commerce Commission is of Supervise Railroads more immediate interest to our laws are wise or unwise, therefore, it is very judges. Chairman Knapp, who has served



FOUR JUDGES OF THE NEW COURT OF COMMERCE

for nearly twenty years as a member of the son of age (he is in his seventy-seventh year). and Mr. Cockrell, of Missouri, retires by rea-



Copyright by Clinedinst, Washington HON. MARTIN A. KNAPP (Presiding Judge of the Court of Commerce)

Interstate Commerce Commission, has been The two vacancies in the Commission have made a member of the new Commerce Court, been filled by the selection of Prof. B. H. Meyer, of the University of Wisconsin, and Mr. C. C. McChord, of Kentucky. Professor Meyer had recently been made a member of the special commission, headed by President Hadley of Yale, on the regulation of railroad stock and bond issues. Mr. LaFollette's governorship of Wisconsin led to the creation of an extraordinarily capable State commission for railway regulation, and Professor Meyer, as a member of that commission and a writer on railway economics, is already a man of wide reputation. Mr. McChord has served for some years on the Kentucky railway commission. These new members will be qualified to join intelligently in the great pending work of the Interstate Commerce Commission, inasmuch as they have doubtless followed closely the hearings on the question of increasing railway rates.

> It remains to be seen whether or The Commercial not the creation of a special federal court for commerce cases is a valuable innovation. Martin A. Knapp, of New York, becomes the presiding judge. John Emmett Carland, a federal district judge of South Dakota, and Robert Woodrow Archbald, a federal district judge of Pennsylvania, are appointed to this new court, and the other two members of it are William H. Hunt and Julian William Mack. Mr. Hunt, before he became Secretary (afterwards Governor) of Porto Rico, had filled political and

judiciary offices in Montana. President Roosevelt made him a United States District Judge and President Taft, last January, made him a member of the new Customs Court. Few men have ever held as many different legal and judicial offices as Mr. Hunt. Mr. Mack for a good many years has been a professor of law, first at the Northwestern University and afterwards at the University of Chicago. He has recently held several judicial positions in Chicago and is eminently worthy of his new honors. The object of the Commerce Court is to relieve the federal judiciary at large of a special class of cases, and also to secure prompt disposal of railway and similar questions at the hands of a tribunal thoroughly versed in every phase of interstate commerce and law.

Mr. Lehmann as Not the least interesting of Mr. Lawyer for the Taft's appointments last month Government was that of the Hon. Frederick W. Lehmann, of St. Louis, as Solicitor-General of the United States. Mr. Lehmann is this year president of the American Bar Association, and his professional reputation is so high that if Mr. Taft had appointed him to the Supreme bench there would have been general approval from the lawyers of the country. Mr. Taft was once Solicitor-General himself, and he regards the office as of immense importance, especially at this time of the State Department, and his death a few prevent waste and increase output. There group of talented lawyers who have been giv- engaged by industrial heads to study their ing the Government their devoted service. establishments from top to bottom with a It is the business of the Solicitor-General to view to finding by scientific study the methargue the Government's cases before the ods of working, accounting and handling Supreme Court, the Attorney-General sel- labor which will improve on the old tradidom having the time to appear in court in tional habits. Some extraordinary results view of his cabinet duties and varied responsi- have been attained. One frequently cited is Lehmann, has brought to the Government's that by scientifically analyzing and simplifyaid, in the handling of the great cases about to ing the movements made by the bricklayer, be tried in the near future, as able a lawyer and efficiency, as measured by the output of a as brilliant an orator as his profession affords. man in a given time, was increased 200 per It means, in part, that the administration is cent. Mr. Brandeis, to support his widely quite in earnest about law-enforcement.



Photograph by Strauss

HON. F. W. LEHMANN, OF ST. LOUIS (The new Solicitor-General)

The wide and active discussion Mr. Brandeis last month of the Interstate Comand the Railroads merce Commission's hearings on

when great cases are to be argued before the the question of increased freight rates cen-Supreme Court. Mr. Bowers had brought a tered on the argument of Mr. Louis J. Brangreat reputation from Chicago, and it was deis, counsel for the shippers, that the railsupposed that Mr. Taft might sometime roads could get the additional income they elevate him to the Supreme bench. His death need by the simple method of introducing was a serious loss, and Mr. Taft fills the va-modern scientific methods of management. cancy by the appointment of another lawyer In the past decade a new profession has been of the Mississippi Valley of equally high created on this theory that scientific study of standing. Mr. Hoyt, who had been Solicitor- the smallest details and of the entire opera-General in the Roosevelt administration, was tions of a factory or other business concern chosen by Secretary Knox as the Counselor can show the way to great economies in cost, weeks ago marks another vacancy in the are now eminent consulting engineers who are President Taft, in securing Mr. in the trade of bricklaying, where it is said quoted statement that the railroads could



Photograph by Harris & Ewing

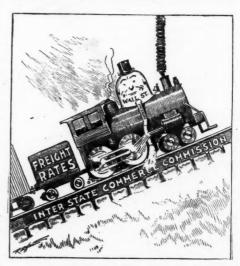
MR. LOUIS BRANDEIS, REPRESENTATIVE OF THE SHIPPERS IN THE RATE HEARING

"business economizers" on the witness stand. attention to a most restricted fraction of the It was shown that certain railroads, for instance the Atchison, Topeka & Santa Fé, had already gone far into these modern methods of industrial economy with good results. Some of the points brought out by Mr. Brandeis in the testimony given before the Interstate Commerce Commission are clearly summarized in the article by Mr. Benjamin Baker which we publish on page 80 of this number. Our own understanding of the attitude of organized labor on the subject of the bonus system does not wholly coincide with Mr. Baker's, as will appear.

There are two practical difficulties Can the in Mr. Brandeis' prescription for the railroads when it is considered as a panacea for their imminent weakness in net income. It is undoubtedly true of any great field of industrial activity that there is always room for improvement in industrial efficiency, and we are inclined to think that in the case of certain railroads, at least, there

is unusually large opportunity to prevent waste. But, in the first place, the adoption of the modern scientific methods of management is apt to amount, in the end, to a revolution in the details of organization, and such a revolution takes a long time to accomplish, if it is to have a helpful result. Some mistakes are always made at first, and it takes months, or, in such vast and complex organizations as a great railroad, it may take years, to get the thing done and in good running order. Now the problem before the railroads of showing such net income as will enable them to do their necessary financing is felt to be immediate.

A second difficulty in the way of using the so-called modern scien-Opposition tific methods of reorganizing railway operation lies in the attitude of organized labor. Two essential factors in the scientific reorganization of a shop or other industrial plant are standardization, involving high specializing of processes, and some sort of bonus system to stimulate workers to make the best use of the new method. Organized labor is flatly against specialization, and apparently not agreed on the bonus system. Mr. John Mitchell discussed the matter very frankly in relation to the arguments of Mr. Brandeis. Specialization, Mr. Mitchell claimed, tends to monotony in the save \$1,000,000 a day through scientific im- worker's life and brain atrophy. It is not provements in industrial practice, put a num- denied that costs can often be reduced and ber of the foremost of these professional output increased by limiting a given worker's



MAYBE THE TRACK WILL BE SANDED! From the Pioneer-Press (St. Paul)

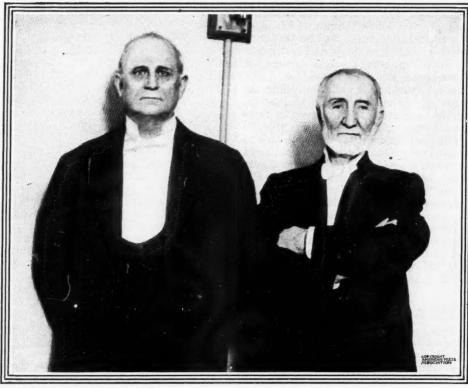
"speeds up" the worker too fast. Mr. which can only be by it effectively regulated." Mitchell contends that while, for a time, the worker may be stimulated to a greater output by the lure of greater rewards, there comes a time when the "speeding up" tells introduce modern methods.

ment of this control, there has been the most selected as the site. wonderful increase in railway construction and enterprise, and in the development of our resources in all industries, ever known in history. Railway securities have become more generally an investment of the people, more respective States. Both documents are unstable and more profitable." Mr. Kellogg like the famous Oklahoma constitution in showed clearly the difficulty of obtaining uni- that they are much briefer, but it was not to form action from forty-six States in the con- be expected that two new States of the West,

whole process of manufacture. But organ- trol of railroads and other great corporations ized labor says the price of such industrial doing an interstate business, and contended efficiency, paid for in the mental health of strongly that it is to the interest of Wall the worker, is too great. So, also the bonus Street as well as of the whole people "that the system is opposed, on the ground that, what-federal Government shall itself control the ever its immediate economic results, it instrumentalities of interstate commerce,

Panama and The article on the Panama Canal the World's Fair REVIEW of REVIEWS shows conon him, and his efficiency may fall back to vincingly that the completion of that great the old level, or below it, so that, looking at waterway is now a matter of less than three his life work as a whole, he may be able to years' time. Beyond question, if an interaccomplish less in it and live less happily, national exposition is to be held to celebrate than by the older and slower methods. How- the opening of the canal, there is no time to ever doctrinaire these claims may seem to be lost in deciding on the site and beginning the average progressive American mind, the work on the buildings and other necessary fact that they are made by labor is an impor- accompaniments of a world's fair. • San Frantant answer to Mr. Brandeis' contention cisco awaits only the action of Congress to that all the railroads need do to bolster up begin this great undertaking. The money is their endangered credit and income is to already provided. In commenting, last month, on the voting of \$10,000,000 in bonds by the people of California, a misprint made Mr. Kellogg on Would the owners of railroads us say that the citizens of San Francisco had Federal Control and the bankers who market their subscribed \$750,000 for the project. The of Rallways securities prefer to go back to the sum actually subscribed was about \$7,500,000 era of rebates and cut rates? Will the fed- of which \$4,000,000 was raised at a masseral Government ever reduce rates as low as meeting last spring within two hours. The they were in the eras of cut rates and special total fund now available for a Pacific coast terms to large shippers before 1903? Such exposition amounts to \$17,500,000 and the questions were vigorously put by Mr. Frank people of California do not ask the federal B. Kellogg to Wall Street in his recent address Government to contribute one cent to the before the Economic Club in New York City. enterprise. Quite apart from the distinctive .The speaker traced the development of the advantages of San Francisco as an exposition nation's transportation systems from the site, the country has been most favorably immilitary highways on to the highly organized pressed by the spirit in which the promoters railroads, to show that from the beginning, of a Pacific coast exposition have gone about and at all times, federal control was necessary the work of convincing Congress and the for the life and health of the nation. To-day, Eastern States that a world's fair can and will railroad rates are a tax on all commerce, and be provided, by the people of "the Slope," equal opportunity for all citizens demands for the celebration of an event which means, that rates shall be uniform. Mr. Kellogg re- perhaps, more to the Pacific coast than to any minded his hearers that in 1872, when the other part of the Union. It has been shown States first began to exercise some control of repeatedly that in enterprises of this kind the railroad rates; in 1887, when Congress passed West is abundantly able to take care of itself; the Interstate Commerce Act; and in 1903, and the guarantees that are now offered for a when the Elkins' bill was made law, predic-successful Panama-Pacific Exposition at San tions of dire disaster were heard. "Yet in Francisco will go far to persuade the East spite of the progressive growth and develop- that the Pacific coast metropolis should be

> Conventions in the new States of New Mexico and Arizona have State Constitutions framed constitutions for their



THE PROSPECTIVE SPEAKER, AND HIS FRIEND WHO NOW WIELDS THE GAVEL

formulating constitutions at the present time, should steer clear of what, in the conservative East, is denominated radicalism. In New mitted to the people for ratification.

Democrats

When Congress assembled early in December there seemed to be Looking Forward more interest in the organization Mexico the initiative was rejected, but a ref- of the Democratic House that would meet a erendum clause was included which enables year later than in the business of the present 25 per cent. of the voters, on petition, to session. The Democrats were determined suspend a law within ninety days of a legisla- not to throw away the fruits of their victory tive session, and 10 per cent. of the voters, on through lack of harmony. They were quick petition, to submit a law passed by the last to agree that the Hon. Champ Clark, of legislature to the popular vote at the next Missouri, should be the next Speaker, and election. The Arizona constitution goes they were so forehanded as to plan for the much farther. It includes both the initiative selection of at least a considerable part of and the referendum, and also a provision for the Ways and Means Committee of the Sixtythe recall of all elective officers, including Second Congress, in order to begin work on a judges. This last is a distinct innovation, tariff bill. Mr. Champ Clark would natureven in the radical West. In New Mexico no ally prefer to manage the House under the distinction is to be made in the franchise, in established rules-not through lust of perjury duty, or in qualifications for holding sonal power but because of the need of an office, other than State and legislative offices, efficient system. It seems now, however, on account of inability to speak English. But that the Democrats will take the appointin Arizona all voters are required to be able to ment of committees away from the Speaker read the constitution in English, a qualifica- and try the plan of a Committee on Comtion which, it is said, will deprive a consider-mittees. Mr. Clark has agreed not to oppose able percentage of the State's population of this change if his Democratic colleagues the franchise. Both constitutions will be sub- prefer it. The Republicans seem now quite generally committed to the plan of a gradual



DARE HE TAKE THE DROP? From the Journal (Minneapolis)

tariff revision, one schedule at a time; and their acceptance of the idea of a tariff commission is also quite general, although they differ widely as to the details. What the Republicans wish is, to apply the slow processes of a scientific commission and a piecemeal revision to the present Republican highprotective tariff. What the Democrats seem to want is a general overhauling and reduction of the present tariff, to give it a Democratic character in the first instance, with the commission and gradual reduction methods to be applied from a reformed starting point. The trouble with the Democratic plan is that the Payne-Aldrich tariff was made by logrolling methods for the protection of communities and special interests; and that the numerous localities and enterprises thus benefited have no political complexion. They are just as much Democratic as they are Republican. In short, it is not going to be possible in the future to accomplish much with the tariff on the theory that it is to remain in future as in the past a distinct issue between the Republican and Democratic parties.

The President's to close its labors on March 4, yearly Report enacted the Payne-Aldrich tariff in its special session in the spring of 1909, and accomplished a great deal of noteworthy legislation in its long regular session of last year. The appropriation bills must be

passed this year, and they require so much consideration that only a little time can be left for general legislation. President Taft's message, which was a document of unusual length, contained a great number of meritorious proposals; but it was not expected that many of them could be acted upon in the present session. The President's annual message has come to be a broad, comprehensive statement of the Government's activities and policies in all directions, and a disclosure of the varied aims and efforts of the administration. Only a very few newspapers now publish the message in full. This latest State paper of President Taft's is in fact a report to the country that ought to be widely circulated in convenient, permanent form. In clear, open print the document as prepared by the President would make a book of 150 pages. It deals with a great variety of affairs in the most useful and interesting way. The briefest allusion to its statements and suggestions would occupy a good deal of space. In his discussion of foreign affairs, the President presents a hopeful picture of progress in the paths of peace and of judicial settlement of disputes. His review of the activities of our State Department gives prominence to the fact that every country in the world has shown itself entitled to our minimum tariff rates. The prospect of special tariff arrangements with Canada is viewed in a hopeful light, and our new era of international commerce, to begin with the opening of the Panama Canal, seems to the President to require some form of Govern-



STATESMEN SEEING THINGS IN A NEW LIGHT From the Herald (Washington)



THE ELEPHANT BALKS AND SAYS: "LET THE DONKEY DO IT" (Mr. Taft would like to carry forward some important legislation, but will be disappointed) From the Saturday Globe (Utica)

ment aid to the growth of an American mer- attachment at the beginning; but as soon as the plicit demand for authority to defend the beginnings of a parcels-post system in connecfor its commercial and naval utilization, country has undoubtedly made up its mind

who are using the mails to sell bogus stocks to claim to be a business organization. small investors. Mr. Taft makes a worthy appeal for the simplifying of legal procedure and the relief of the higher courts from needless appeals. It is to be hoped that Congress will heed his request that the salaries of the the relationship of one part of the business to higher judges be increased.

opened their doors on New Year's Day. Only and the unprofitable free-delivery services. a few post-offices will have the savings-bank. The parcels post will make the rural delivery

chant marine. The President's recent visit system proves itself to be good, and its details to Panama leads to a reassuring statement as are perfected in practice, it will be rapidly exto the progress of the canal work, and an ex-tended. Mr. Taft urges upon Congress the canal with suitable fortifications and prepare tion with the rural-free-delivery service. The in favor of a parcels post, and it ought to be Mr. Wicker- It is a picture of great activity inaugurated—at least experimentally—in the sham's Busy that is presented on behalf of near future. It has long been evident that shop of Justice the judiciary department. Never the Government ought to know at least the before in the history of the country have the extent of the postal business that it carries on law officers been so busy in so many differ- under the franking privilege. It is now proent directions. Mr. Wickersham's vigilance, posed that all franked letters and other mail with the aid of many trained assistants, has matter have a special stamp affixed, so that ranged from great prosecutions under the the Post-Office Department may keep a rec-Interstate Commerce and Sherman Anti- ord of the cost and extent of the service. Trust acts, to the breaking up of "bucket There are many obvious things of this kind shops" and the terrifying of the scoundrels that must be done before the Post-Office can

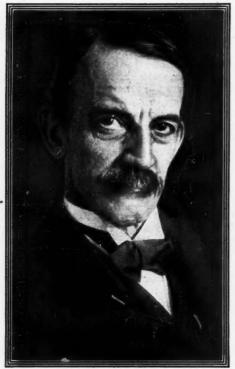
> It would seem highly unwise to at-The Rates tempt any changes of postal rates Class Matter with so few facts available as to another. For many years second-class mat-ter has been carried by the Government at It is notable that the first of the one cent a pound. Under existing rates the postal savings banks, under the Post-Office would be earning large profits law passed last year, will have except for the franked matter carried free

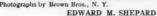
that are worthy of study by the Postal Com- these are clearly pointed out. mittees. The truth is that from the business standpoint the Post-Office could ill-afford to discriminate against magazine advertising. No other one thing causes so many letters to in the strictest sense of the word.

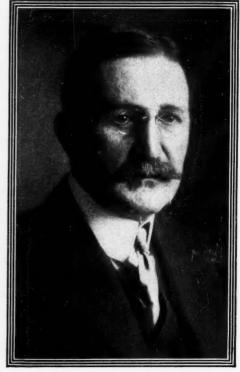
Our National Defenses ing the bureaus of his department and he has consent to the election of the Hon. Edward the boldness to demand the abolition of some M. Shepard to succeed Senator Depew. If it of our useless navy yards. He would greatly were left to the voters of the State, regardless strengthen our naval base at Guantanamo, on of party, to say whether they would rather the coast of Cuba, which commands the have Mr. Shepard or Mr. Sheehan they would Caribbean Sea and the entrance to the Pan- elect Mr. Shepard by 3 to 1. But Mr. ama Canal. Mr. Taft is eminently right in Murphy, boss of Tammany Hall, controls the asking Congress to give some very special majority of Democratic votes in the Legisla-recognition to the achievement of Com- ture. A committee of the United States mander Peary in reaching the North Pole. Senate has just now decided that it finds no There is nothing alarmist in the President's improprieties in connection with the election message as respects the army and the national of Senator Lorimer, of Illinois. But if the defenses. The simple fact is that from the people of that State were to pass upon the

self-sustaining. But even with these things theoretical military standpoint this country is as they are, the deficit is very small and with never in a defensible condition. Our coast careful administration Mr. Hitchcock will defenses are not complete and we have not have it all wiped out within six months, nearly enough men to handle the artillery. A proposal, therefore, arbitrarily to increase Our regular army is widely scattered, our the rate on second-class matter would seem militia is not effective for purposes of an imill-advised. When such a proposal was first mediate war, and we are, to sum it up, not one made by Mr. Taft, the newspapers protested of the great military powers. The Secretary vigorously and the proposition was changed of War, Judge Dickinson, said all these things, to one that should distinguish between news- without apology and with great clearness, in papers and periodicals. Mr. Taft proposed a letter transmitted to Congress last month to increase the rates on periodicals without replying to an inquiry that had been made increasing those on newspapers. The postal for information as to our defenses. This recommittees of Congress, after careful study, ply by the Secretary was presumably precould not recommend such a scheme. This pared with the aid of General Wood and the year Mr. Taft changes his proposal entirely army staff. It was at first distributed to the and suggests the possibility of weighing sepa- newspapers for publication, but afterwards rately the advertising pages of magazines, recalled. It was a true statement, but, as leaving their reading matter to be circulated Mr. Taft subsequently explained in a speech in the mails at one cent a pound while charg- before the American Society for the Judicial ing a higher rate for the advertising part. Settlement of International Disputes, there It is only fair to say Mr. Taft does not claim is no cause for fright. Our relations with all to have studied this subject, and he makes countries are entirely friendly. Some things the suggestion to Congress as involving facts it is desirable to do for better defense, and

At last, after many years of sup-Electing pression in committee pigeon-Senators holes, the proposal to amend the be sent through the mails as the business pub- Constitution in such a way as to allow voters licity that makes use of general advertising, to elect United States Senators will be re-There are no facts in existence that would ported favorably to the Senate itself. The justify the placing of a higher postal rate on people of this country are in favor of electing other periodicals than the rate that is paid by their Senators. They have been trying in newspapers. Nor has any one as yet given all sorts of ways to get around the constituus a definition by which to distinguish be-tional difficulty. In a number of States we tween the newspapers and the other periodiare now to witness Senatorial deadlocks where cals. This REVIEW is in so-called "maga- the matter ought to have been determined zine" form; yet it claims to be a newspaper at the polls in November. Governor-elect Woodrow Wilson, as the people's chosen leader, has been trying to prevent the elec-The notable administrative work tion of James Smith, Jr., to succeed Senator of Secretary Meyer, of the Navy Kean. The voters should have had a chance Department, is strongly sup- to save their Governor-elect from all this ported in the President's message. Mr. bother. In the State of New York, it is a Meyer has had a difficult task in reorganiz- question of bringing Tammany around to







WILLIAM F. SHEEHAN

LEADING CANDIDATES FOR SENATOR DEPEW'S SEAT

chance to be elected Senator than to be chosen those of Alaska, are to be leased on a careful is thus demanded. Nearly all of the State grasped as never before. Mr. Ballinger tooffices now elective ought to become appoint- day holds more advanced ground on all these whole State, as are the Governors.

of the Interior. This, however, does not national conservation has been the gainer by

question, Mr. Lorimer would have no more forth the Government's coal lands, including as President Taft's successor. Very few plan rather than given away for private exsuggested constitutional changes are clearly ploitation. Oil lands and mineral lands of demanded by public sentiment; but the elec-certain kinds are to be treated in the same tion of United States Senators by the people way. The forest problem is intelligently ive, but the Senators should be elected by the matters than Messrs. Pinchot and Garfield had been able to reach three or four years ago. President Taft's recommendations are pro-The Ballinger All of the Republican members of gressive, convincing, and lucid. They follow Report and Our the joint committee of the two up with legal precision the great policies that "Resources" Houses of Congress which investigated the so-called "Ballinger-Pinchot con- at first reduce to exact forms. However troversy" have made a sweeping report painfully or unjustly personal reputations fully exonerating Mr. Ballinger, Secretary may have been assailed, the great cause of include Mr. Madison, the Kansas insur- the dispute of the past two years. The gent, who has all along been associated recommendations as to specific policies prewith the minority members of the committee. sented in the majority report, like those con-One great good has come from this pain- tained in the President's message, are gratifyful and protracted disagreement. It has ing in a high degree. It would be useless to amazingly clarified the views of public men continue the newspaper phases of the conat Washington, and of the country, upon troversy. The Cunningham claims, and a series of highly critical questions. Hence- similar matters, should go to the Courts.

The announcement of the final census figures of population, early in December, caused little surprise, since the total increase for the past decade had been computed quite closely from the partial announcements made from time to time during the summer and fall. It may be said with truth that the American flag now floats over one hundred millions of people, since the total population, including Alaska and all our island possessions, is 101,-100,000. We have a "continental" population, exclusive of Alaska, of 91,972,266. This represents an increase, during the past ten years, of nearly 16,000,000, or about 21 per cent. The rate of growth has not declined during the decade, although if it be compared with the rates for previous census periods, it will be found relatively small. It was greater, however, than was anticipated by the experts. The largest percentages of increase are to be found in the figures for the far Western States. California, for example, makes a showing of 60 per cent. Oregon of 62.7, and Washington of 120.4 per cent. Some of the smaller Western States made records almost as high. East of the Rocky Mountains the greatest increase was recorded for Oklahoma—109.7 per cent,—while North Dakota reached a percentage of 80.8 and Montana of 54.5 per cent.

City Country where the population has remained more farmer's income will be indicated. nearly stationary. In the great farming State of Iowa there was even a loss of 7 per cent. during the ten years. In connection with the announcement of city populations a certain of the manufacturing centers along field of human betterment by the monumental not shared, it appears, by the rural districts for the promotion of international harmony. of the States in which these manufacturing Mr. Carnegie dedicates the income of this the Pacific slope, or even in the manufac- "work toward the speedy abolition of war turing States of the East. It is not to be between the so-called civilized nations." The inferred from these population figures that gift is made in the form of a deed of trust any of these Middle Western States are de- which authorizes the trustees to incorporate. clining in what goes to make real prosperity. President Taft has been selected as Honorary Farm lands are more valuable in Iowa to-day President of the organization, and Senator than ever before, and the same thing is true Root elected temporary chairman of the



HON. JAMES SMITH, JR. (Candidate for the Senate in New Jersey)

Among the Eastern States, those sissippi Valley. In fact, the agricultural which had a rapid urban devel- statistics gathered by the Census Bureau opment enchanced by the growth show an extraordinary increase in the value of manufacturing interests make the best of farm property throughout the Middle showing, while those States of the Middle West, and it is believed that when the statis-West which have few cities are the States tics are compiled a like increase in the

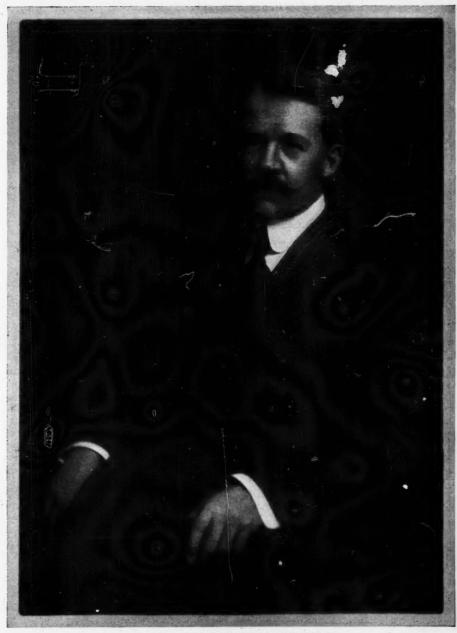
Mr. Carnegle The furtherance of universal and World peace has been a veritable passion with Mr. Andrew Carnegie for few months ago, we called our readers' atten- many years. It is, therefore, not surprising tion to the rapid growth of population in that he has crowned his work in this great the Great Lakes. This rate of progress was gift, announced last month, of \$10,000,000 towns are located. In most of the Middle amount, half a million a year, to such objects Western States the rate was lower than on as, in the judgment of the trustees, shall best of Illinois and the other States of the Mis-Board of Trustees. In addition to Mr. Root

the best-known of the twenty-seven men who have been named to administer this world task are President Nicholas Murray Butler Senator-elect from Mississippi.

What It May Accomplish Carnegie's achievements in furthering inter- mission, which has made a model record. national peace are many. He is now President of the New York Peace Society, Treasurer of the Inter-Parliamentary Union; member of the International Conciliation Society, ican Society for the Judicial Settlement of public service. As chairman of the finance International Disputes. He has already committee of the United States Steel Corgiven \$1,750,000 for a Palace of Peace to be poration, Mr. Perkins some years ago put erected at The Hague and \$750,000 toward into effect a system under which employees the meeting place of the Bureau of the Pan- of the company may advantageously buy ington. Some years ago he gave the Peace which he is connected Mr. Perkins has also Palace at Cartago, Costa Rica, where the introduced the principle of profit-sharing. reason together. It will be interesting to note, mote plans that may help to harmonize the in passing, the fact that the Nobel Peace relations of capital and labor. It is not per-Prize for 1910 has been bestowed not upon haps very widely known how active a part an individual, but upon an institution, the Mr. Perkins played in the establishment of clearing house for the principal pacific organ- this country has done so much as Mr. Perizations of the world. It is directed by a kins to secure a change in corporation association or individual in any country with business men into the state of mind that has toward world harmony.

The appointment of Mr. George A Public-W. Perkins as one of the trustees Citizen of Mr. Carnegie's new peace fund of Columbia University; Hon. Joseph H. coincides in point of time with two or three Choate, ex-Ambassador to England; Hon. other matters which have caused Mr. Perkins' John W. Foster, ex-Secretary of State; Mr. name to appear in the newspapers. One of George W. Perkins, who has made notable these was the endorsement by the voters of contributions to the cause of peace between the State of New York of the proposal subcapital and labor; Hon. Andrew D. White; mitted to them at the last election to author-Hon. Charlemagne Tower, ex-Ambassador to ize a bond issue of \$2,500,000, for the sake of Russia; Hon. Oscar Straus, Ambassador to carrying out the great park scheme made pos-Constantinople; Dr. Eliot, formerly President sible by certain private gifts. Mr. Perkins, of Harvard, and Mr. John Sharp Williams, far more than any one else, had been instrumental in securing Mrs. Harriman's noble gift of many thousands of acres of park lands, Mr. Carnegie does not lay down together with several million dollars from any definite lines of action, but other private donors to connect the Harriman expresses fullest confidence in the lands with the northward extensions of the trustees, to whom the widest discretion is Palisades Park. A number of years ago, given. Among the suggestions of the mem- when everybody wished to preserve the Hudbers of the board as to the best way to pro- son Palisades from destruction at the hands ceed to carry out Mr. Carnegie's ideas are: (1) of quarrymen, but could invent no way to A scientific study of the cost of war, showing bring the thing to pass, it was Mr. Perkins its effect upon business and society; (2) a who found the way, secured the coöperacodification of international law; (3) the for- tion of the States of New York and New mation of an arbitral court of justice at The Jersey, and brought under the control Hague from which there will be no appeal, of the Palisades Park Commission the and the scientific study of "those uneasy spots western shore of the Hudson River for underlying international relations all over the many miles. Mr. Perkins from the beworld that make war a possibility." Mr. ginning has been the president of this com-

He announced last month that His Retireon January 1 he would retire from ment from Wall Street the banking firm of J. P. Morgan the International Law Society and the Amer- & Co. in order to have more time to give to American Union completed last year in Wash- shares of stock; and in other companies with Central American nations might meet and He wishes to do still more in future to pro-Bureau International de la Paix (the Internation the new government Department of Comtional Peace Bureau) at Berne, Switzerland. merce and Labor, and the creation of the This institution, founded in 1891, is the Bureau of Corporations. No other man in commission of thirty-five members from all methods from secrecy to publicity. Nor has nations, and aims to supply any interested any other man done so much as he to bring printed information relative to all efforts prepared them for the federal incorporation of great industrial and transportation com-



MR. GEORGE W. PERKINS, OF NEW YORK

panies. He is setting an example that might well be followed in their respective commusition by many other executive nublic between capital and labor. nities by many other successful, publicspirited business men. He is quoted in an interview as having said:

I have long felt that it is not wise to leave all our public affairs to politicians, and that business men of sufficient leisure and means should for as in Europe, lessen their business cares and patriotic reasons, if for no other, give their atten-

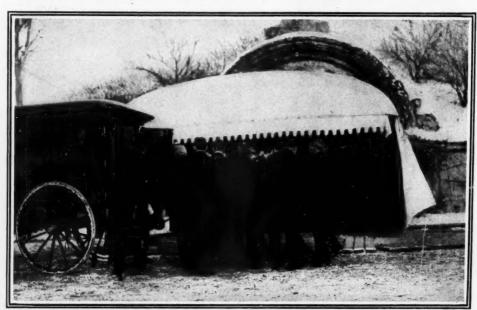
Many of our best qualified young men are taking a commendably active part in politics. What we particularly need is that men approaching middle life should in this country, tion to great public problems, and I intend in social and general welfare of the community.



MRS. MARY BAKER G. EDDY (The only authorized portrait)

The Founder brought an earthly end to a remarkable career. lievers in Christian Science, known as Mrs. Ed-Of no other American woman can it be said dy's "students," was formed thirty-five years

dreds of thousands, who were as loyal at the moment of her death as they had been at any period of her life. Mrs. Eddy was known as the founder of Christian Science, a religious cult which had made great headway in this country in a time when it had come to be thought that only the well-tried faiths could appeal to thinking men and women. To the confusion of the wise, Christian Science made thousands of converts in the ranks of the Christian churches. It made eager propagandists of some of the most earnest and devoted leaders of those churches. Unquestionably the practice of its teachings helped to make many sick people well and brought to many well people a new gospel of hope. Under Mrs. Eddy's leadership, these people were gathered in prosperous and enthusiastic churches throughout the country. It is not to be supposed that Mrs. Eddy's death will cause these organizations to dwindle and decline, even though the growth in coming years should be less rapid than in the founder's lifetime. Some means will be found to continue the propagation of the faith, and just at this moment the country is keenly interested in the men who are managing the tem-The death at Boston, on Decem- poral affairs of the church during this critical ber 4, of Mrs. Mary Baker G. period. The portraits of some of them appear Eddy, in her ninetieth year, on the opposite page. The first group of bethat her adherents were numbered by hun- ago. The number of communicants at the



Copyright by The American Press Association, N. Y CARRYING MRS. EDDY'S BODY TO THE TOMB



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CALVIN A. FRYE, FOR MANY YEARS MRS, EDDY'S PERSONAL REPRESENTATIVE

present time is in dispute. Two years ago the organizations were then in existence. Some "Mother Church" reported 45,000 members, estimates have placed the total number of and it was stated that about 1000 other church adherents at 300,000 and others even higher.



SOME DIRECTORS AND LEADERS OF THE "MOTHER CHURCH OF CHRIST, SCIENTIST"

(From left to right: Gen. Henry M. Baker, William Rathvon, Irving Tomlinson, Archibald McLellan, Calvin A. Frye, Clifford Smith, Adam H. Dickey)



THE UNREST IN EUROPE, AS SEEN BY AN AMERICAN ARTIST (Reproduced from the cartoon by Balfour-Ker in the Sphere, London)

promise to be as far-reaching in their effects certain reforms. During the early days of upheavals of other years. Arbitration has throes of an unusually exciting presidential marked, unrest has characterized the year's mission of Inquiry to determine who was progress. The cartoon at the head of this elected, Marshal Hermes da Fonseca or his page graphically illustrates this tendency.

Unrest

Signs of restlessness and change ences of opinion approaching the stage of indicating the instability of many actual war between Peru, Chile, Ecuador and of the world's long-established Colombia have gone far toward fixing permapolitical and social institutions have marked nent boundary lines in southern and western human progress during the year just closed. South America. A mutiny, begun late in There have been none of the more violent po- November, among the seamen on several litical overturns. Even the revolution in Por- Brazilian warships in the harbor of Rio de tugal was a comparatively quiet and bloodless Janeiro, called the attention of the world to affair. The changes and tendencies begun in the backward condition of management in the 1910, however, as well as the quieter achieve- Brazilian navy, and resulted in acknowledgments of peace and fraternity among nations, ment by the government of the necessity for as some of the more spectacular and dramatic the year just closed, Brazil went through the scored more than one memorable triumph. campaign. There was much bitterness and And yet, in the main, as we have already re- some bloodshed. It finally took a Comrival, Dr. Ruy Barbosa. In our issue for October we printed a graphic account of "real We have long been accustomed to presidential politics" in Brazil, with some insurrections in Latin-America, so description of the character and career of Latin-America often and so inadequately termed Marshal Fonseca, the President-elect. After revolutions. The year 1910 had its quota of a tour of Europe, during which, from the these outbreaks. Some of them, however, steps of the palace in Lisbon, he witnessed have really settled some disputed things. the Portuguese revolution, Marshal Fonseca Arbitration awards growing out of differ- returned to his native country, and was duly

ence last year.

Difficulties Latin-American countries. The decision of another popular election for President. the Arbitration Court at The Hague in the famous Orinoco case, rendered in October last, established an important principle in international arbitration for which the United in Mexico has been celebrating her Mexico has been celebrating her Insurrection Centennial during the year just international arbitration for which the United in Mexico has been celebrating her Insurrection Centennial during the year just international arbitration for which the United international arbitration for which the United part of the tribunal at The Hague, to review protests against what the enemies of Diaz protested decisions. This august board of have called the despotism of the Mexican more and more a real world court.

trada; Secretary Knox's vigorous denuncia- for the government forces. The severe retion of Zelaya's part in the execution of Cannon pressive measures, however, of the adminis-

inaugurated on November 15. Almost all and Groce; the eventual triumph of General the South American nations, and also Mexico, Estrada and his election to the Presidency; celebrated the centenary of their independ- and the breaking out anew of civil war, during the past few weeks, in the distracted Central American republic - all these are matters of The fourth Pan-American con- the history of a twelvemonth. An agreeference held at Buenos Aires in ment was made in the late summer between June and July was a dignified Thomas C. Dawson, special American cominternational event of world importance, and missioner, and the Nicaraguan cabinet, to could not fail to make for common under- the effect that General Estrada, who on the standing among the peoples of the American first day of the present month becomes concontinents. We hope, at an early date, to stitutional head of the republic, is to be present to our readers an article by one of the maintained in the Presidency for at least two American delegates to the conference showing years so that he may have a chance to bring the spirit that animated the representatives about promised reforms, notably the abolithere gathered, and giving American readers tion of the corrupt concession system. This some idea of the marvelous intellectual, permitted the maintenance of monopolies in artistic and material advance which has been the necessities of life and was the real cause of made during recent years by the people of the the revolution. In July, 1912, there will be

Mexico has been celebrating her past. The festivities at the capi-States has long been contending. It annulled tal city in commemoration of the annithe award of the umpire made some years versary of Mexican independence and the ago, and declared that the amount of damages eightieth birthday of President Diaz made granted the American claimants against an event of world interest. Soon after the Venezuela was too small. It is not the vic- visitors had departed, however, from the tory for the American contention that is note-capital there broke out at various points worthy; it is the assertion of the right, on the of the republic a number of riots and armed arbitration at the Dutch capital is becoming Czar. A series of insurrectionary movements followed, last month, upon the demonstration against Americans at various points At the very threshold of the throughout Mexico. We have already pointed North American continent, where out in these pages that there never was tral America Uncle Sam is approaching the last any real danger of serious trouble between stages of the work on his vast enterprise of the United States and Mexico over the lynchdigging the Panama Canal, the little Republic ing, in Texas, of a Mexican who had shot of Panama has had an exciting election. The and killed an American woman. The proper campaign was somewhat embittered by the legal proceedings are now being taken for the insistent reports that the United States con-trial and conviction of the lynchers, and the templated interference in case the President feeling between Mexico City and Washington chosen was not acceptable to the State Depart- is, as it always has been, of the most cordial ment at Washington. Our friends in Panama and friendly kind. The occasion, however, were reassured, however, by the repudiation of has been used by the many enemies of the any such intention on the part of our govern- Diaz régime to precipitate an insurrection ment, and Dr. Pablo Arosemena was elected which rapidly assumed the proportions of First Vice President, succeeding, last month, civil war. Revolutionary leaders, prominent to the full title of President upon the death among them being Dr. Francisco Madero, of Dr. Obaldia. There has been civil war in organized armies of formidable strength, par-Nicaragua for more than two years. The ticularly in the northern states of Chihuahua long-drawn-out struggle between the ad- and Coahuila. A number of pitched battles herents of Dr. Madriz, officially elected to took place in those states in the middle of succeed the deposed Zelaya, and General Es- last month, resulting, in the main, in victories

position. It is regrettable that these dis- United States is clear. Duty to ourselves after the formal inauguration, on December mand that this country shall not foster or consecutive term.

ment than to actual complaints against the pressing lawlessness, of satisfying the demands central government. It was reported, late last of the progressive element among its people, month, that a delegation of the best known and of cultivating stability at home and public men of the nation had called upon friendship abroad. President Diaz and reminded him of this fact. They further advised him, in the interest of humanity and for the fame of his last years, to concede the just claims made by the disaffected. There is an increasing party was disappointed as to the present and demand among Mexicans of all classes for uncertain as to the future. His views found more power in the Congress; a really inde- echo in the speeches and printed utterances pendent judiciary; popular education; the of the Unionists. We quoted this opinion at breaking up of the present system of large the time. So little change has been accomland holdings and a general observance of plished by the pollings just held that our constitutional rights which in Mexico are summing up of the results a year ago fits the



MR. REDMOND AS DOLLARVER CROMWELL (In sarcastic allusion to the fact that the Irish leader collected a large sum of money on his recent tour in the United States) From the Evening News (London)

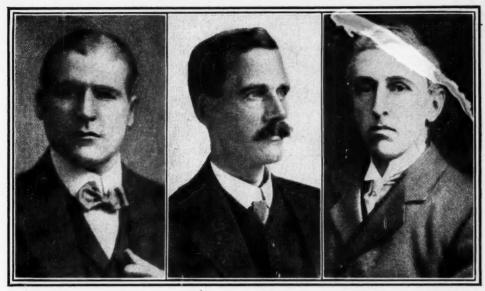
tration served only to arouse more general op- as liberal as anywhere. The part of the turbances should have taken place so soon and to our neighbors both imperatively de-I, of General Diaz as President for the eighth tolerate hostile movements within its borders. Texas must not be made a base of operations nor even a plotting-ground against Mexico. It is probable that popular up- Considerations of self-interest as well as of Progress flow risings in Mexico are more fre- altruism impel us to encourage and support quently due to local mismanage- the Mexican government in its work of sup-

> An Apathetic Election In England Liberal leader remarked that his present situation exactly. We said in this REVIEW for March last:

> The only political camp in Great Britain in which there is any degree of elation over the results of the general election, is that of the Irish Nationalists. The Liberal Ministry, in appealing to the country, asked and hoped for a popular verdict which would return them to power with a good working majority. The figures of the final count, however, give them but one vote more than their Unionist opponents, and make them absolutely dependent for the enactment of their extensive program into law upon the Labor members and the Nationalists. These two groups, it is true, almost always vote the Liberal way, or, to put it in other words, never vote with the Conservatives. Mr. Asquith, however, will have to satisfy these gentlemen in every case before the Liberal program can be carried to victory.

These words fit the present situation almost exactly. One thing only is certain. The voters of the British Isles hold just about the same opinions as they did a year ago on the general political situation.

King George's first Parliament, The Months which had a life of only ten Parliament months, the shortest since Mr. Gladstone's Home Rule Parliament twentyfive years ago, was dissolved on November 28. The writs of election were issued immediately, and on December 3 the first pollings in the general election took place. The last seats were balloted for on December 19. The total vote shows: Liberals, 271, Laborites,



J. PERCEVAL HUGHES "Chief Agent" of the Unionists

J. A. PETER "Chief Agent" of the Laborites

"Chief Agent" of the Liberals

THE POLITICAL PARTY MANAGERS IN GREAT BRITAIN

(These "agents," corresponding to the chairmen of campaign committees in the United States, have been directing the political campaign in England just closed. Note the fact that a peer directed the Liberals)

politics were ever more confused or doubtful government's anti-veto resolutions. than at the present time." This uncertainty is even more a mark of the after election feelings of both parties. There probably never was a British general election at which the past session.

Asquith's On the other hand, the appeal to the coun- of inequality between the two parties will be try was direct—as direct as is possible in removed." The Peers will undoubtedly pass

43, Nationalists, 73, Independent National- British politics-on the question of limiting ists (O'Brienites) 11, making a total of 398 the veto power of the Upper House. The in the governmental coalition, against 272 fact, therefore, that the electors have reof the Unionists. Speaking of the general turned the Liberals, even by an unaltered campaign in our pages last month, we remajority, will, in all probability, be taken by marked, "It is a question whether British Mr. Asquith to justify him in pushing the

The government coalition, Lib-What erals, Laborites and Nationalists May Be Expected alike, are all equally desirous of every citizen-or virtually every one-voted abolishing the veto power of the Peers, and exactly as he had done at the preceding they may be expected to work together for election, which was itself not at all decisive. that object. It was evident, all through Mr. Asquith returns to power with the same the days of voting, that reform of the Upper majority-126-in the Commons. This is House and Home Rule for Ireland were the not a decisive expression of popular opinion. main issues. Mr. Arthur Balfour admitted, It may be taken, however, as an endorsement in a speech in London on November 29, that of the course pursued by the premier during the question of tariff reform should properly be referred to the popular vote, even in the event of a Unionist triumph at the polls. This It is understood that the new declaration by the Opposition leader, re-Parliament will be summoned moved the tariff issue from the campaign. to meet the first week in next Chancellor Lloyd-George has publicly promonth. Then the Premier will be faced with claimed that the carrying of the resolution the problem of how to interpret his return to against the veto power of the Lords would power. His majority is not sufficient to be be only the beginning of the Liberal program. construed as a decisive popular mandate to The British constitution, he insists, will be adopt a very radical course with the Lords. "reformed in such a way that the last vestige





TWO OF THE ELECTION POSTERS USED IN LONDON IN THE RECENT CAMPAIGN

(The first shows a Liberal view of the Lords, the second the Unionist idea of Mr. Redmond's strategic position in Parliament)

will probably give a certain measure of Home discrimination against the North. that have long been held up by the Lords.

Home Rule

the veto bill. The King could not find an- substance of which we give on another page other Minister if he dismissed Mr. Asquith, this month. Once having passed the Parand as the Premier will remain only on condi-liament at London, Home Rule will still tion that the Lords pass the veto bill, the have to face the grave problem of dissensions King will compel them to pass it. The net among the Irish themselves. The rapid inresult of the whole campaign will be that the crease in the number of the supporters of Mr. Peers will now have legislative authorization William O'Brien, who oppose the Redmond, for rejecting Liberal bills twice, subject to Nationalistic idea, the protest of the North the caution that they will have to pass them against the granting of Home Rule and the when they are presented a third time. This vehement announcement, made public last will probably make compromise the order month by a number of "Political Associaof the day, instead of collision, which is a tions of Ulster Protestants," that they very desirable thing. Moreover, as we noted would refuse to pay taxes levied by any last month, Lord Rosebery's resolutions em- Home Rule Parliament—these are signs that bodying the renunciation of the hereditary cause apprehension to all true friends of Irish right to sit among the Peers have already progress. Mr. Redmond and the other Nabeen adopted by the Lords themselves, tionalist leaders have always known of the When the Upper House is no longer able to fear of the Protestants that local autonomy prevent progressive legislation, the Commons at Dublin would be the occasion for Catholic Rule to Ireland, abolish plural voting, pass a Nationalist leaders, however, assert that Scotch land bill and put through a number they will not accept Home Rule at the hands of other measures popular with the people of the Imperial Parliament unless their Protestant friends are adequately protected. Moreover, Premier Asquith, Sir Edward Mr. Redmond's triumph is meas- Grey and Secretary of War Haldane, the urably within sight. His ideas real leaders of the Cabinet, have all repeatas to what Home Rule means edly said in public that any Parliament set and should give to Ireland, he himself sets up in Ireland must be subordinate to the forth very clearly in a magazine article, the Imperial Parliament at London, which

would not permit the legislators at Dublin most serious foreign problem has been simplito enact into legislation any measure in-fied. Patient but firm negotiations with the volving religious discrimination.

Restless-Italy has been engaged in solving economic as to Spain's position in North Africa. problems and in the ever progressing, sometimes bitterly waged, conflict for the complete separation of Church and State. Dissatisfied with the old social order which still agent of law and order.

Spain's been conducting a long campaign countries entails. for the modernization of his country, in which he has had for his enemies not only the unprogressive, clerical element, but many of the anarchist and so-called republican leaders. We have presented at length and in detail in several numbers of this REVIEW, notably in September, the conflict between the Spanish Government and the Vatican authorities over the question of the religious orders and the revision of the concordat. As we write these lines, the Spanish Premier is skillfully piloting through the Cortes the measure known as the "Padlock Bill," which forbids the entrance of other religious orders into Spain until an agreement shall be arrived at concerning the concordat. Many of the Spanish bishops, be it said to their credit, have come out publicly in support of the Premier in his endeavor to settle this vexed question fairly to both sides. During the course of the agitation there has been much disorder throughout the peninsula, many strikes and riots and constant rumors of the overthrow of the monarchy and the establishment of a republic. Thanks to the strong, intelligent action of the Premier, Spain's

Sultan of Morocco have at last resulted in the settlement of Spain's claims against the Moors The life of the Latin peoples of of many years' standing by the payment of an Europe during the year just adequate indemnity. A Moroccan "mission," closed has been disturbed by headed by one of the most eminent of the political and economic disorders that have Moorish Sultan's advisors, arrived in Madrid indicated a ferment among the people and late in November and signed the convention impending social changes of vast extent. which established a complete understanding

The short, comparatively blood-The Porless, businesslike revolution in tuquese Republic Portugal, which took place during obtains in the constitution of the Senate, the the first few days of October last, was one of Italians, as we point out in an article on an- the important historic events of the present other page this month, have already begun a century. Whether or not the new government campaign for the drastic reform of their Upper at Lisbon, under the leadership of the mod-House. The proposed change will make it a est author-philosopher, President Braga, will truly democratic institution. Economic up- justify its existence by establishing a permaheavals in France, Spain, and Portugal have, nent order that shall be better than the old, during recent months, called for statesman- remains to be seen. The first few weeks of ship of a high order. This, fortunately for its existence have served to inspire a degree these Latin peoples, has not been lacking. of confidence in the rest of the world. The The French Premier, M. Briand, in his sup-modern tendency among the Latin peoples is pression of the various attempts at a "gen- apparently to whittle away central authority eral strike," has shown what can be done by of every kind. It would seem to the keen and a strong, far-sighted statesman acting as an candid observer that the Latin nations which are still ruled by kings—Spain and Italy are within measurable distance of republic-In Spain, the courageous and able anism, and of all those social and political Premier, Señor Canalejas, has institutions which republicanism in those



AUSTRIA IS BEGINNING TO STAGGER UNDER THE WEIGHT OF HER NAVAL BUDGET From Muskete (Vienna)



THE NEW PROTECTOR OF ISLAM (England and France discover that, after all, the man in the

moon [the Turkish Crescent], is really the German Kaiser) From Jugend (Munich)

Militarism ment and realignment of alli- month by month in these pages. ances and in the internal problems of the various nations, from the Baltic to the Bosporus, that may have far-reaching consequences. Germany and Austria-Hungary have become so closely allied as to be virtu- The empire of Francis Joseph has figured in ally, for all military purposes, one and in- the news chiefly when a new monster battledivisible. Austria continues to build her ship was completed in one of its shipyards. Dreadnoughts, and they become part of the Race conflicts, however, are irrepressible in defensive and offensive force of which Ger- Austria-Hungary, and the differences bemany is the leader. The imperial census tween Vienna and Budapest are apparently now being taken shows a rate of increase in impossible of permanent solution. Military population which would indicate that there and naval reorganization has engaged the are more than 65,000,000 Germans. These major part of the attention of the new figures would place the empire fourth in régime at Constantinople during the past the list of world powers—as measured by year. A fierce insurrection by the Albanians, the number of inhabitants. The opinion and that intractable military people subject to

ently becoming more and more weighty and influential in the councils of the nations. Teutonic preponderance is seen in international politics from Morocco to Peking. So powerful is the combined offensive and defensive weight that can be directed from Berlin and Vienna that, during the past year, Turkey and Rumania have been attracted to the mass and have virtually declared their adhesion to the Triple Alliance. Russia has apparently acquiesced in the hegemony of the German Kaiser. During the past year, St. Petersburg has sacrificed M. Isvolsky, who opposed German designs in the Balkans two years ago, as the French sacrificed M. Delcassé, some years before when he stood out against Berlin in the Moroccan affair.

The Kaiser has had his home Problems of troubles, it is true. The Prussians have given vent to loud and continued disapproval of the franchise inequalities that keep them from full manhood suffrage. There has been an ominous increase in the Socialist vote, a good deal of murmuring against the tariff which keeps out American meat, and unstinted popular disapproval of the policies of the Imperial Chancellor, Dr. von Bethmann-Hollweg. There have also been serious strikes in Germany, and at one time there seemed to be a grave difference between the German Foreign Office and our own State Department concerning the potash industry, which has been virtually taken over by the German Furthermore, the German Government. people have not been slow in expressing their resentment at the divine right, anti-Parliamentary speech which the impetuous Central Europe has seen some Kaiser made last summer at Königsberg. All shifts and changes in the align- these happenings have been duly chronicled

As far as the outside world is Austria concerned, the year has been a and Turkey quiet one for Austria-Hungary. wishes of the Berlin government are appar- the Porte, was suppressed, early in the year,

after much difficulty. Constantinople has world rarely knows when an election is held, took the same stand. been completed. Many internal reforms direction of international peace. have been promised by the Young Turk government, and many are in progress, although very few of them have as yet been carried through.

States assuming the title of King Nicholas I.

not often put out of gear. In this class also policy in Finland. are Holland, Belgium and Switzerland. Some discontent with franchise restriction has found vent in Switzerland during the past year. An "initiative" proposing the adoption of a system of proportional representa- thinly veiled as to be plainly visible, the tion in the elections for the national Federal weak government, at Teheran has been Council was rejected in October by a sub- called to account sharply by both England stantial majority. So smoothly does the and Russia. In the southern part of the Swiss system work that the rest of the Iranian land, long acknowledged to be a

been unceasingly busy in increasing and im- or the name of the chief magistrate. It is proving the Ottoman army. The young interesting to note, in passing, that the Turkish leaders have declared that they President chosen by the Federal Council to feared an attack from Greece because of the administer the affairs of the little Republic sympathy of the latter with Crete. What for the year 1911 is M. Marc Ruchet. Questhey have not announced, although it is tions of military defense against the ever perfectly well known in the Foreign Offices dreaded German absorption and the newly of the other European countries, is the fact arisen problem of a tariff have been engagthat Turkish troops are being pushed stead- ing the attention of the Dutch people during ily into Persia in spite of the protests of the the past twelve months. The staid capital feeble government at Teheran. For all this of Holland, also, witnessed the deliberathe military oligarchy at Constantinople tions of the tribunal sitting in judgment must have money. In recent months, the upon the British and American claims in Porte has tried to float a loan in France. the long-disputed Newfoundland fisheries It found that the French bankers politely problem. All the parties to the dispute and but firmly insisted upon first knowing how the rest of the world have been unstinted in the money was to be used. English bankers their praise of the fairness, dignity and The Turks then learning of the judges who rendered the just turned to the Triple Alliance, and Austria decision. The ruling of The Hague Tribunal undertook to provide the necessary loan. in this famous case has been one of the At this writing the negotiations have not great achievements of the century in the

The "numbness of despair" is Despair the way the calm in Russian political and economic affairs has been characterized by one of the Con-The usual state of unrest has stitutional-Democratic leaders in the Duma. obtained throughout the other As we pointed out last month, reaction is Balkan states. Servia has ap- apparently still in full swing in Russia. Durparently submitted to the domination of ing the year just closed, a large portion Austria-Hungary. Greece has been almost of the Empire has been under martial law, convulsed for several years by the con- and misery, depression and appallingly freflict between the clear-headed, cautious quent execution of prisoners have marked King George and the powerful, jingoistic its history. The life and writings of the naval party which favors war upon Turkey late Leo Tolstoy were in themselves a for the sake of Crete. This new party has terrible indictment of the Russian political more than once brought about the fall of and social systems. The Czar has apparently cabinets and coerced the Boulé, Greece's gained some hours of quiet in his foreign single-chamber Parliament, into working its relations by submitting to Austro-German will. Little Montenegro, in 1910, attained dictation in Balkan politics and coming to the dignity of a Kingdom, the former Prince an understanding which amounts almost to a partnership with Japan in the Far East. Meanwhile the government at St. Peters-The Scandinavian peoples are burg continues to harass the Poles by cruel Holland, The Scandinavian peoples are burg continued and among the most peaceful and and useless repressive measures and to law-abiding in Europe. Their incite the Finns to patriotic fury by steadily well-ordered social and economic systems are and mercilessly pushing the Russification

> The Near East continues to fer-Ferment ment. While Turkish military in Persia designs against Persia are so

already existing lines in India, and then it cordial feeling in China. will be possible for the tourist to travel from Paris to Bombay by rail.

The condition of British India is, Progress their fatherland.

the first step toward popular government in socialism has been marked. During the sum-

British sphere of influence, anarchy has be-representative bodies encouraged the people come, not only widespread, but chronic. to demand that the original nine-year period The trade routes to India have been insecure of preparation for a real popular assembly for years. Last October the Persian author- be shortened. The throne was memorialized, ities were called upon by the British govern- extraordinarily widespread popular interest ment, in a sharp note, to restore normal was manifested, and the Regent and the Grand security, failing which, Great Britain will her- Council finally yielded to the popular wish. self organize a body of local police, and pay The imperial sanction of the abolition of the them out of a fund obtained from a tax queue and the efforts of the government to levied from the customs on the Persian Gulf. put down the opium evil were other signs This action on the part of the British Govern- of progress. Late in November a decree ment has been denounced by the German was promulgated advancing the date for the press as the beginning of the partition of inauguration of a fully representative as-Persia. In this denunciation Turkish and sembly to the year 1913. The newspaper Persian journals have joined. Just what despatches are now full of accounts of loudly position Russian official authorities will expressed popular demand for a still earlier take it is not easy to predict. Russian in- meeting of Parliament. The Peking corresterests in North Persia are extensive. But pondent of the London Times has given it as St. Petersburg has generally agreed with his opinion that a real Parliament will be London in regard to Persia. One result of summoned early in the present year, and that the Turko-German agreement has been the "it seems almost safe to announce that the recently announced decision of the German ancient, absolute régime in China will exist syndicate to resume the construction of the only historically after the Chinese New Year Bagdad Railroad and continue it to com- in January, 1911." The visit of Secretary pletion. In time, undoubtedly, a Russian Dickinson to Peking, on his way home from line will connect the Bagdad road with the the Philippines, evoked many expressions of

The Problems Almost the same date that saw the erection of the tiny principality of Montenegro into a kingundoubtedly, better to-day than dom in the Near East, witnessed the extinc-British India it has been for many years. As tion of the ancient monarchy of Korea at the we remarked last month in these pages, in other end of the Asiatic continent. The forcommenting upon the retirement of Lord mal annexation of Korea to Japan, which was Morley from the Indian Office, a new era has announced on August 27 last, was made bebeen opened for Britain's Indian empire by cause "his Majesty, the Emperor of Japan, the successful operation of the reform scheme has found it impossible to effect desired rewhich Lord Morley inaugurated five years forms in Korea while it remains outside of the ago. There have been outbreaks against empire, and he therefore incorporates it in his British rule, and considerable difficulty in dominions by and with the approval of the carrying out the details of the application of Korean government." This addition of ten this reform scheme to the routine of adminis- or twelve millions of Koreans to her populatration, but political, social and economic tion, with the administrative and economic conditions are steadier in India to-day than problems the annexation entails, will absorb ever before, and there is an ever increasing a good part of Japan's energies for a generaparticipation of natives in the government of tion or more to come. At home the Island Empire has had her attention absorbed in problems chiefly of finance. The imposition Rapid progress has been made in of heavy taxes necessitated by the vast out-Constitutional China, during the twelve months lays for army and navy, has not improved the just passed, toward the realization hard social and industrial lot of a large porof a parliamentary, constitutional govern-tion of the Japanese population. Some popment. Provincial assemblies, representing ular discontent has arisen, and the growth of the empire's history of thousands of years, mer the Western world heard meagre but were inaugurated in October, 1909. The first persistent reports of an attempt to assassinate Imperial Senate met on October 3 last. The the Emperor by a political 1986 feet. In Noastonishingly smooth working of these two vember it was announced assassin

with at once by the courts.

Africa 1910 the reasonableness of the British and French ity arrangement. governments, have brought about a definite understanding as to Liberia's real status in the family of nations.

Affairs in Canada Hague, of the historic controversy between Imperial power.

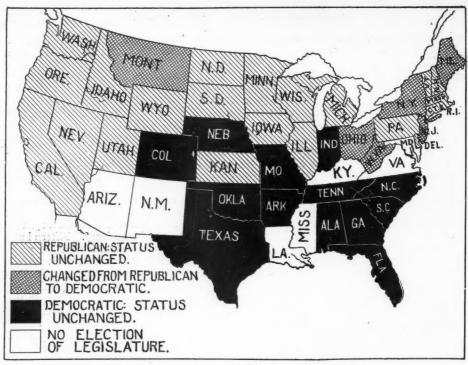
had been apprehended and would be dealt the United States and British North America —the Newfoundland fisheries question. The one question still at issue between the two The year 1010 saw, among other peoples, that of a more progressive, more noteworthy events on the African mutually satisfactory tariff, is yet to be continent, the formal inaugura- solved. The larger situation as affected by tion of the new United States of South Africa, our tariff relations with our northern neighthe initiation of an extensive program of re-bors, together with the arguments for and forms by Belgium in the Congo, the steady against the much discussed reciprocity idea, advance of the French "pacific penetration" are set forth by Mr. P. T. McGrath on page of the Sahara, the agreement of Morocco 42. Last month we mentioned the plan of the with Spain and the arousing of the Nationalist societies of farmers and grain growers of feelings in Egypt against England, with the Ontario and the western Canadian provinces consequent tightening of the British hold to journey to Ottawa for the purpose of imupon the land of the Pharaohs. Ex-Presi- pressing Premier Laurier with the necessity dent Roosevelt's vigorous expression of opin- for a reduction of duties on American agriculion as to Britain's opportunity and duty in tural products and machinery. Fifteen hun-Egypt, set forth in his speeches at Cairo dred accredited delegates from these grain University in April, and at the London Guild growers' associations, representing five differ-Hall in June, were the subject of world-wide ent provinces, held a convention in the Docomment. Considerable progress was made minion capital on December 15, and voted toward a permanent settlement of the vexed unanimously in favor of free trade with the Liberian question during the year just closed. United States. In the eleventh Parliament The patient efforts of the State Department of the Dominion, which began its annual at Washington, which has sent two expedi-session on November 21, a number of speeches tions to the little African republic, aided by were made in behalf of some sort of reciproc-

Canada is to have a real navy for For a Canadian defense purposes. The proposi-Navy tions of Sir Wilfrid Laurier for Of late years the people of the national defense and for the Dominion's share Dominion of Canada and those of in the Imperial army and navy establishment, the United States have come to most of which have already received Parliaunderstand each other better, and to realize mentary support, contemplates the organizatheir real community of interest. During the tion of a Canadian militia and the building of twelve months that have just passed into a Canadian navy, "subject to the call of the history, the two governments have arrived at British admiralty, provided always that a definite, cordial understanding with regard within fifteen days the Dominion Parliament to a number of long-disputed points having to ratifies the call." One Canadian cruiser, the do with boundary lines, waterways that lie Niobe, has already been completed and is in both countries, and the use of the Niagara now in service. Early in November, the River for power purposes. Several com-beginnings of Canada's independent naval missions made up of eminent legal authorities establishment were signalized by the departfrom both countries, with the official sanction ure from Esquimalt of the representatives of of the governments at Ottawa and Washing- the British admiralty. With the transfer to ton, have now succeeded in arriving at a the Dominion authorities of this naval station settlement of most of these points satisfactory and dockyard, on the Pacific coast, there disto both sides. The year 1910 saw also the appears from the mainland of the North final disposition, by the Tribunal at The American continent the last outpost of British









RESULTS OF THE ELECTIONS OF 1910 AS AFFECTING STATE LEGISLATURES

(The Legislatures of the following States will each choose a United States Senator this year: California, Connecticut, Delaware, Florida, Indiana, Maine, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Jersey, New York, North Dakota (two Senators), Ohio, Pennsylvania, Rhode Island, Tennessee, Texas, Utah, Washington, West Virginia, Wisconsin, and Wyoming)

RECORD OF CURRENT EVENTS

(From November 19 to December 19, 1910)

PROCEEDINGS IN CONGRESS

December 5.—The Sixty-first Congress assembles for the short session.

is read in both branches.

December 7.—The Ballinger-Pinchot investigating committee makes its report, the majority of the committee completely exonerating the appropriation bill. Secretary. . . . In the House, Mr. Moon (Dem., December 17.— Tenn.) explains his bill to modify, revise, and amend the laws governing the judiciary.

December 9.—The House passes the Indian appropriation bill.

December 10.—The House unanimously passes the River and Harbor appropriation bill (\$22,-000,000).

December 12.—In the Senate, the Omnibus Claims bill is discussed.

December 13.—In the Senate, Mr. Cummins hereafter be amended schedule by schedule. . . . bill (\$153,600,000).

December 15.—In the Senate, Mr. Young (Rep., Ia.) makes his first speech, opposing further revision of the tariff.

December 16.-The Senate discusses the Omni-December 6.—The President's annual message bus Claims bill; the amendment of Mr. Bristow Rep., Kan.) to eliminate the French spoliation claims is lost by a tie vote. . . . The House considers the Legislative, Executive, and Judicial

> December 17.—An urgent deficiency appropriation bill (\$1,000,000) is passed by both branches. . . . In the Senate, Mr. Lodge (Rep., Mass.) speaks in favor of tariff revision schedule by schedule.

> December 19.—The Senate overrules a decision of the Vice-President that a "paired" Senator can be counted in making a quorum.

POLITICS AND GOVERNMENT-AMERICAN

November 21.—Post-office inspectors arrest the principal members of the firm of Burr Brothers, at (Rep., Ia.) speaks in support of his resolution to New York City, charging them with selling fraudchange the rules so that the tariff law may ulent stocks to the extent of more than \$1000,000,ooo. . . . The New Mexico constitutional conven-The House passes the Pension appropriation tion finishes its work; one of the provisions of the constitution is an elective corporation commission.

November 23.—President Taft arrives in Washington on his return from an inspection of the Panama Canal.

returns under the new corporation tax law be made public, subject to regulations proscribed by the Secretary of the Treasury.

November 28.—United States Attorney Wise, at New York City, enters suit for the dissolution a of the Sugar Trust. . . . The newly created Rail- Jules Ferry statue in the Tuileries. road Securities Committee holds its first meeting, at Washington.

November 29.—The third Conference of Governors begins its sessions at Frankfort, Ky.

December 1.—Governor-elect Foss, of Massachusetts, opens his campaign against the reelection of Senator Lodge. . . . The existence of a trade in rotten eggs, to be used for food, is brought to light through an investigation by New York City officials.

December 3.—The President appoints Senator Root to membership on the Hague Tribunal; Frederick W. Lehmann is made Solicitor-General of the United States.

December 6.-Judge John R. Thornton is elected United States Senator from Louisiana to have been scattered and that quiet is restored. succeed the late Senator McEnery. . . . The President sends to the Senate the nomination of John W. Garrett to be minister to Venezuela. . A federal grand jury at Detroit indicts firms and individuals alleged to control by illegal combination the manufacture and sale of bathtubs and plumbers' supplies.

December 9.—The proposed constitution for the State of Arizona, a very radical document, is signed by the delegates.

December 10.—The Census Bureau announces the population of the United States as 91,972,266; including the insular possessions the total is 101,100,000.

December 12.—President Taft sends to the Senate the nominations of Edward D. White to be Chief Justice of the United States Supreme Court, and Joseph R. Lamar and Willis Van Devanter to be Associate Justices; Martin A. Knapp is appointed presiding judge of the new Commerce Court. . . . The United States Supreme Court decides that conspiracy under the Sherman accused of plotting against the life of the Emperor Anti-Trust law may be a continuing offense, thereby sustaining the indictment of Sugar Trust officials.

December 13.—Senator Aldrich and Representative Payne announce themselves as in favor of tariff revision schedule by schedule.

December 14.—The Department of Justice announces the early prosecution under the Sherman law of the so-called Electrical Trust.

December 16.—Post-office inspectors raid many get-rich-quick" concerns in Pennsylvania and New Jersey, arresting nineteen principals.

December 17.—The Senate committee which investigated the charges of bribery in the election of Senator Lorimer (Rep., Ill.) reports that the charges have not been proved.

December 18.—The New Mexico Democratic Territorial Convention condemns the proposed constitution.

seat as Chief Justice of the United States.

POLITICS AND GOVERNMENT-FOREIGN

November 19.—Prime Minister Asquith opens the British campaign with a speech at the Na-November 25.—The President orders that the tional Liberal Club, outlining his party's proturns under the new corporation tax law be gram. . . . The discussion of the so-called "padade public, subject to regulations proscribed by lock" bill is begun in the Spanish Chamber of Deputies.

> November 20.—Premier Briand is attacked by Royalist while attending the dedication of the

November 21.—Sergius Sazonov is appointed Minister of Foreign Affairs in Russia. . . . An insurrection breaks out in the northern provinces of Mexico; several important towns are seized by the revolutionists.

November 23.—The crews of two Brazilian battleships in the harbor of Rio de Janeiro mutiny and secure control of the vessels; an ultimatum is sent to Congress demanding an increase in pay and the abolition of corporal punishment.

November 24.—The British House of Lords adopts Lord Lansdowne's resolutions dealing with the manner of settling the differences between the two houses of Parliament. . . . The Mexican Minister of War announces that the insurgents

November 25.—The Brazilian Government yields to the demands of the mutineers and grants amnesty to them. . . . The lower house of the South African Union appoints a committee to examine the educational systems of the provinces.

November 28.—The British Parliament is dissolved in order that the Liberal Government may go before the country on the question of the veto power of the House of Lords.

December 1.—Porfirio Diaz is inaugurated for his eighth term as President of Mexico.

December 6.—The French Chamber of Deputies votes \$1,160,000 for the relief of victims of the recent floods; a committee of the Chamber reports in favor of a limited suffrage for women.

December 7.—The German Reichstag passes the second reading of the bill establishing labor exchanges composed equally of employers and employees, to settle labor disputes.

December 10.—The trial of twenty-six persons is begun at Tokyo. . . . A mutiny among marines quartered in a fort in the harbor of Rio de Janeiro is quelled only after an artillery engagement lasting all day; 200 of the mutineers are killed or wounded. . . . The Turkish Chamber of Deputies, by vote of 123 to 63, affirms confidence in the government.

December 15.—Bands of Bedouins massacre Turkish officers and troops at several military posts.

December 16.—A delegation of 1000 Canadian farmers presents formal demands to the Government for an immediate downward revision of the tariff: Premier Laurier replies that they must await the result of the reciprocity negotiations with the United States (see page 42).... The Bolivian ministry resigns as a protest against the reëstablishment of diplomatic relations with Argentia... The Mexican insurgents decisively defeat the Government troops in an engagement nstitution.

at La Junta... A constitution for AlsaceDecember 19.—Edward D. White, assumes his Lorraine, providing for two elective chambers, is drafted in the German Bundesrath.

papers in Russia are confiscated because they con- and Grand Trunk systems to avert a rate war. tain a radical speech made in the Duma.

Britain end with a coalition majority of 126, an increase of two votes.

INTERNATIONAL RELATIONS

November 23.—Sir Richard Cartwright, Minister of Trade and Commerce, advocates in the Canadian Parliament closer relations with the

December 3.—China opens negotiations for a new foreign loan of \$25,000,000 for the development of the navy.

December 6.—It is rumored in Copenhagen that the inhabitants of the Danish West Indies have petitioned the Government to sell the islands to the United States.

orders that the Reichsbank pay to Turkey the \$4,500,000 which it has on deposit to the credit of the deposed Sultan Abdul Hamid.

December 9.—Secretary Knox decides to surrender Porter Charlton, an American, to Italy for trial for wife-murder.

December 13.—Diplomatic relations are reestablished between Argentina and Bolivia, the latter country acknowledging that President Alcorta's decision in the Bolivia-Peru boundary dispute was non-partisan.

December 18.—It is planned to form a combination of Central and South American republics for the purpose of abolishing revolutions by the creation of an international police.

OTHER OCCURRENCES OF THE MONTH

November 19 .-- A severe earth shock is felt at Martinique but causes no damage.

November 22.—Mobs of suffragettes in London, dissatisfied with the Premier's promise of consideration of a woman suffrage bill in the next Parliament, stone the residences of Premier Asquith and several members of his cabinet.... Count Leo Tolstoy is buried at Yasnaya Polyana.

November 23.-A dispatch from St. Petersburg states that Manchuria is officially declared to be infected with the bubonic plague.

November 25 .- A number of earth shocks are felt in Spain, no damage being done.

November 26.-Twenty-five women and girls lose their lives in a factory fire at Newark, N. J. Samuel Gompers is reëlected president of the American Federation of Labor at St. Louis.

November 27.—The Pennsylvania Railroad inaugurates its train service into New York City, formally opening the tunnels under the Hudson

November 28.—Thirteen men are killed by an explosion in an asphalt mine at Durant, Okla.

November 29.—The British South Polar expedition, with the Terra Nova, leaves New Zealand for the Antarctic. . . . The dedicatory exercises at the new home of the Union Theological Seminary, in New York City, are attended by dele- air 8 hours and 13 minutes at Etampes, France. gates from the leading universities of the world.

tives at Toronto, Canada, is destroyed by fire. . . . The New York Central and the Pennsylvania damage is estimated at \$3,000,000.

December 17.—The editions of four daily news-railroads make concessions to the Erie, Wabash,

in a radical speech made in the Duma.

December 3.—Chairman Emery, in an address before the Chicago Association of Commerce, outlines the plans of the Tariff Board. . . . Two Italian aviators are killed by the capsizing of their machine during a flight near Rome.

December 4.—Unprecedented storms in Mindanao and Zamboanga, Philippine Islands, cause the loss of a score of lives and considerable property

December 5.—The striking taxicab chauffeurs in New York City accept the terms offered by the companies.... A strike among the drivers of delivery wagons spreads in Chicago. . . . A bronze statue of Sir Henry Irving is unveiled in London.

December 6.-Eleven new cases of cholera, and two deaths from the disease, are reported in Italy.

the United States.

December 7.—President Taft addresses the seventh annual Rivers and Harbor Congress at its opening session in Washington.... Four passengers are carried by aviator Brunsuber in a Farman biplane at Johannisthal, Germany.... A monument to General Baron von Steuben is unveiled at Washington, addresses being made by President Taft and the German ambassador.

> December 8.—The city of Bogota, Colombia, makes the final payment on the purchase of the Bogota city railway from its American owners. . . . Deaths from cholera at Madeira average three persons daily.... The funeral of Mrs. Mary Baker Eddy, founder of the Christian Science Church, is held at her home near Boston.

December 9.—George W. Perkins resigns from the firm of I. P. Morgan & Co. in order to devote himself to corporation interests and to a solution of the problems involved in the relations of capital and labor. . . . M. Legagneux, using a Bleriot monoplane, breaks the world's altitude record at Pau, France, ascending 10,500 feet. . . . Two members of the Cuban House of Representatives shoot each other in an Havana street; Señor Molen dies from his wound and General Figuera is mortally wounded.... Princess Louise of Belgium brings suit to recover \$8,000,000 which belonged to her father, the late King Leopold.

December 10.—Puccini's opera, "The Girl of the Golden West," is sung for the first time, at the Metropolitan Opera House in New York City.

December 13.—Dr. George Edgar Vincent is chosen president of the University of Minnesota. ... Floods in the northern part of Italy, caused by continued rains, isolate many villages.

December 14.—Andrew Carnegie gives \$10,000,000 to a board of trustees, the income to be used for the promotion of international peace.... Contracts are let in London for the construction of two 24,000-ton battleships for the British navy.

December 15.-The American Society for the Judical Settlement of International Disputes meets in Washington,

December 16.—Continued rains in England cause the flooding of large areas, the water in some places being twelve feet deep.

December 18.—Henry Farman remains in the

December 19.—An explosion of artificial gas at December 1.-The free hospital for consump- the Grand Central Terminal, in New York City, kills ten persons and injures 120; the property

OBITUARY

November 19.—Gen. Adam B. King, of Maryland, a veteran of the Civil War and formerly consul at Paris, 76.

November 20.—Count Leo Tolstoy, the Russian novelist, 82. . . . Henry M. Hoyt, counsellor of the State Department, 53.

November 21. Gen. George M. Harmon, prominent in the industrial and political life of Connecticut, 72.

November 22.—Brig.-Gen. David Lynn Magruder, U. S. A., retired, 85.

November 23.—Octave Chanute, an engineer, known as "the father of the aeroplane," 78.

November 24.—Cardinal Allessandro Sanminiatelli-Fabarella, 70.

November 26.-Moses C. Wetmore, of St. Louis, prominent in Democratic national politics, 65. . . . Richard T. Wilson, the veteran New York financier, 81.... Judge Robert W. Taylor, of the United States Circuit Court, 58.

November 27.—Gen. James Oakes, a veteran of the Mexican and Civil Wars, 84... Michael Cudahy, founder of the Cudahy Packing Company, 69. . . . Dr. Landon B. Edwards, a prominent Virginia physician and medical writer, 65.

November 28.—George Frederick Seward, of New York, an authority on casualty insurance and formerly minister to China, 70.... Rev. Charles Henry Burr, for many years librarian of Williams College, 62.

November 29.—Matthew Henry Buckham, president of the University of Vermont, 78.. Dr. Samuel Alexander, a prominent New York surgeon and writer, 52.... Rev. Dr. Sylvester F. Scovel, formerly president of Wooster University, 75. . . . Florencio L. Dominguez, Argentine minister to Great Britain.

November 30.-John William Ellis, former president Plattsburg (Mo.) College and Central Christian College (Mo.), 71.

December 1.-William Pryor Letchworth, giver of the 1000-acre Letchworth Park to New York State, 87. . . . John Eyton Bickersteth Mayor, professor of Latin at Cambridge University, 85.... Mrs. Julia Wyatt, who created the rôle of Topsy in "Uncle Tom's Cabin," 87.

December 2.- Judge James Brooks Dill, of New Jersey, an authority on corporation law, 56.... Rt. Rev. Channing Moore Williams, senior bishop of the Episcopal Church in the United States, 82.... Major-Gen. Eugene A. Carr, 56.... Eyre Crowe, the English painter, 86. U. S. A., retired, 80. . . . Jose M. Figueras-Chiques, justice of the Porto Rico Supreme Court, 59.

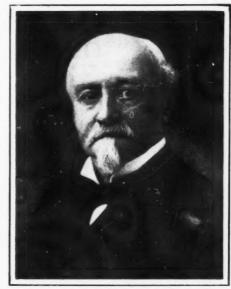
December 3.-Mrs. Mary Baker Glover Eddy, founder of the Christian Science Church, 89. Major-Gen. Wesley Merritt, U. S. A., retired, 74. December 4.—Brig.-Gen. Oliver E. Wood,

U. S. A., retired, 66. December 5.-Dr. Christian Archibald Herter, of New York, an expert in pathological chemis-

French Pretender, 70. December 6.—Prof. Charles Otis Whitman, head of the department of Zoölogy at the University of Chicago, 68... Rear.-Adm. James H. Gillis, U. S. N., retired, 79... Dr. John Cummings tant and inspector-general of South Carolina, Munro, a prominent Bostón surgeon, 52... Dr. 62... Don Anibal Cruz, minister from Chile to John C. Da Costa, the eminent Philadelphia the United States, 45.

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THE LATE OCTAVE CHANUTE (" Father of the Aeroplane ")

gynæcologist, 76.... Ex-Congressman John A. Swope, of Pennsylvania, 87.

December 7.—Justice Charles W. Dayton, of the New York Supreme Court, 64.... Justice W. D. Beard, of the Tennessee Supreme Court, 73. George N. Johnstone, a brigadier-general of the Civil War and formerly a member of the Civil Service Commission, 78. . . . Prof. Ludwig Knaus, the German genre painter, 81.

December 9.—Gen. Henry Edwin Tremain, Civil War veteran, author, and lawyer. . . . Major-Gen. Wallace F. Randolph, U. S. A., retired, 69.

December 10.-Henry Guy Carleton, the playwright, 64. . . . Richard LaBarre Goodwin, the landscape painter, 70.

December 11.- John Rogers Maxwell, formerly president of the Central Railroad of New Jersey, 64...E. V. W. Rossiter, vice-president of the New York Central Railroad, 66...Prof. Henri Huchard, a distinguished French physician, 66.

December 12.-Dr. Emil Reich, the historian,

December 14.-Manuel de J. Galvan, the Santo Domingo jurist and diplomat, 78. . . . Frank Lee Benedict, the novelist, 76.

December 15.-Major John F. Hanson, president of the Central of Georgia Railway, 70. . Representative Joel Cook, of Pennsylvania, 68.

December 16.—Melville De Lancey Landon ("Eli Perkins"), the humorous writer, 71.

of New York, an expert in pathological chemistry, 45... The Duc de Chartres, uncle of the U.S.A., retired, president of the Cleveland County Buildings Commission, 70. . . . Brig.-Gen. Henry C. Hasbrouck, U. S. A., retired. . . . Ex-Congressman Wallace T. Foote, of New York, 46.

SOME CLEVER CARTOONS OF THE MONTH

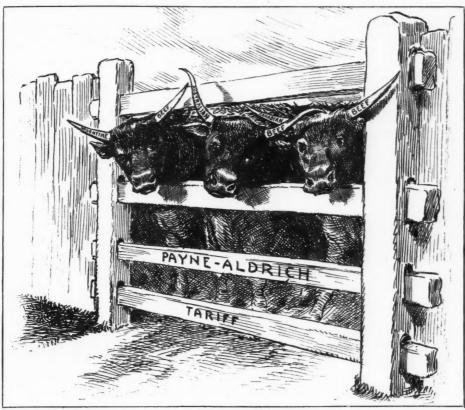


"IF I CAN'T HITCH ON THIS TIME IT'S ALL OFF"
From the Leader (Cleveland)

THE short session and the long program is now the problem before the Sixty-first Congress. With only two months more of life, the question how to rectify the sins of omission and commission—to do those things that it ought to have done, and to undo those things which it ought to have done differently—so me tariff schedules—is putting "the pale cast of thought" on the countenances of the Republican leaders.



 $\label{eq:AMISFIT} \textbf{A MISFIT}$ From the North American (Philadelphia)



LET DOWN THE BARS
(One way to lower the price of meat—let foreign beef come in free) From the World (New York)



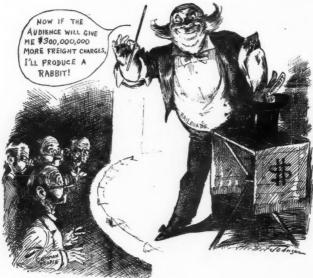
THE HIGH COST OF LIVING PROBLEM

THE G. O. P. TO MISS DEMOCRACY: "Now you can take care of him for a while."

From the Journal (Minneapolis)



THE BALLINGER-PINCHOT CONTROVERSY
"Isn't this the best way to settle it?"
From the Inter-Ocean (Chicago)



The cartoons on this page have to do with the railroad rate hearings before the Interstate Commerce Commission; the recommendation of Secretary Meyer of the Navy Department, that a number of useless navy yards be abandoned in the interest of economy, and the Government's suit to dissolve the Sugar Trust, which the Department of Justice is now actively prosecuting.

WATCH THE PROFESSOR From the North-American (Philadelphia)

The "Professor" in this case, is the railroads of the country, which are urgently requesting permission of the Interstate Commerce Commission to raise freight rates, whereupon the "Professor" will produce the rabbit "Prosperity," to be enjoyed by all.



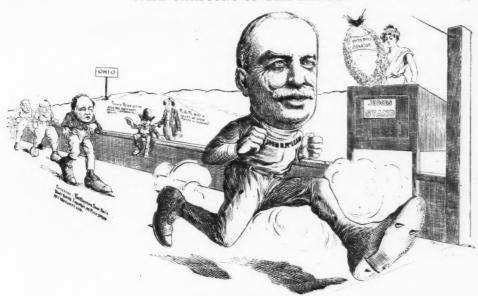
FLIES IN THE BUTTER—THE RAILROAD PRESIDENTS
WHO SEE NO GOOD TIMES AHEAD WITHOUT
HIGHER FREIGHT RATES
From the Spokesman-Review (Spokane)



NEW NAVAL ECONOMY FOR UNCLE SAM From the Times-Star (Cincinnati)



THE SUGAR TRUST IS IN FOR IT From the Spokesman-Review (Spokane)



CAN'T HEAD HIM OFF

(Mr. John R. McLean seems to be running strong in the race for the Ohio senatorship) From the Meddler (Cincinnati)

in the United States Senate have been going enlivened the contest by issuing statements on in various states.

In Ohio, John R. McLean has assumed prominence in the race for Senator Dick's decided early in the present month. candidate. The situation in New Jersey is Democrats have been presented in the effort especially interesting because of the part to find a successor to Senator Depew, and taken in the fight by Governor Wilson. The Mr. Murphy and Governor Dix have both the choice of the primaries, and who is being opposed by former senator James H. Smith,

A number of interesting contests for seats Jr. Both the Governor and Mr. Smith have giving their views on the situation.

In New York the contest will probably be seat, although Atlee Pomerene is also a strong names of half a dozen or more prominent Governor is backing Mr. Martine, who was been besieged with questions on the subject.



THE NEW JERSEY SENATORIAL TROUBLE Uncle Sam: "You're an awful-talker, Smith, but I kinder feel like Woodrow's got it on ye."

From the Evening Sun (Baltimore)



AND THE PUBLIC WILL GET WHAT'S COMING TO IT From the Press (New York)



DIFFERENT COUNTRIES, DIFFERENT CUSTOMS; OR, INSURGENTS IN AMERICA AND IN MEXICO From the News (Chicago)



IN BRAZIL

If your salary isn't satisfactory, join the navy and then mutiny!

From the Journal (Detroit)

(The crews of several Brazilian warships last month mutinied, captured their vessels, pointed the guns inshore, demanded more pay—and got it!)



DAWN

From the Inquirer (Philadelphia)

(Now it is a modern parliament for China—surely the Celestial Giant is awakening from the sleep of centuries.)



WHAT CAN THE POOR DOVE DO? From the American (New York)



NEIGHBORLY From the Herald (New York)

million-dollar gift of Mr. Andrew Carnegie, ment on the subject of reciprocity between may seem insignificant in the face of the Canada and the United States—a subject huge war armaments supported by billions that is now being much discussed in both of dollars annually; but—who knows?— countries. The regrettable struggles bethe wise use of the peace fund may in time tween the militant suffragettes and the make the war god and his huge implements police in England have led a great many insignificant.

The Dove of Peace, bearing the ten- at the top of the page, reflects the sentisober-thinking people to wonder if that The "neighborly" cartoon on the right, is "the only way" to go about the matter.



THE ONLY WAY?

MRS. BULL: "I wonder if there is no better way than this." (From the Westminster Gazette (London)

WILL THERE BE RECIPROCITY BE-TWEEN THE UNITED STATES AND CANADA?

BY P. T. McGRATH

himself, proclaimed in the Ottawa Commons lead to more calamitous consequences. that there would be "no more pilgrimages to Washington," and formulated the alternative policy of a "British preference," or a special reduction in the duties on British exports to the Dominion.

to this question in years gone by.

AVERTING A TARIFF WAR

Fielding, in a conference at Albany last W. S. Fielding and Hon, William Paterson. March, arranged for such reductions in duties

FOR many years there have been proposals Canada as warranted the latter being confor freer trade, either in raw materials ceded the minimum rates under the Payneor all-embracing, between the United States Aldrich bill. Opinion is general that Mr. and Canada, always on the latter's part until Fielding purchased cheap for his country recently. The various overtures of the Do- immunity from a tariff war involving a joint minion in the past were declined so unmistrade of over \$300,000,000 annually—a war takably, if courteously, that several years in which Canada must suffer severely, even if back Sir Wilfrid Laurier, chafing under the America suffered more; and one which might, rebuffs experienced by his predecessors and through the angry feelings engendered, easily

AMERICA TAKES THE INITIATIVE

Canada's recent indifference to reciprocity can be appreciated by understanding that Canada's marvelous progress in late years while her eight million people buy from has enabled her to effectively maintain this America annually \$200,000,000 worth of attitude; and her unyielding commercial in- commodities of every kind, or 60 per cent. dependence of the United States, coupled of their total imports, and allow \$90,000,000 with her possession of raw materials of con- worth free entry (chiefly raw materials), stantly increasing value, has swung the pen- America's hundred million people purchase dulum contrariwise. Now the overtures for from the Dominion only \$120,000,000 worth, reciprocity have originated at Washington, or barely 30 per cent. of Canada's exports, and and the "pilgrims" to-day are American dele- allow but a third thereof free access. America gates who cannot but discern, in eastern Can- has thus decidedly the best of the bargain, ada at any rate, a chilliness in popular, if not and any tariff war which would jeopardize in official sentiment, somewhat like the at- these advantages would be decidedly unmosphere of the American capital with regard welcome, especially when statistics show that American imports are now exceeding exports, and that the republic is entering upon a new phase of its commercial existence.

Hence the formal proposal by Secretary So outspoken has been some Canadian criti- of State Knox last March for negotiations for cism of reciprocity that prominent men in the freer trade, and its acceptance by Minister of Dominion have publicly rebuked it and urged Finance Fielding, to take effect in the autumn, frank and friendly discussion of the whole as Canadian cabinet ministers had already subject by the two cabinets; claiming that made engagements for the summer. The conthis course would be helpful in showing both ferees met at Ottawa on November 1, Messrs sides the difficulties besetting this complex C. M. Pepper, tariff expert; H. M. Hoyt international situation, and enabling both (since deceased), counselor to the State Depeoples to respect the principles which impel partment; and C. H. Foster, American Conthem even to "agree to differ." The way was sul-General to the Dominion, acting for the cleared for such discussion when President United States; Canada being represented by Taft and Canada's Finance Minister, Mr. her Ministers of Finance and Customs, Hon.

Naturally, absolute secrecy marked the on several unimportant American exports to negotiations, and critics in both countries deduced from the brevity of the sessions and wheat might be lessened by Canadian comthe silence of the negotiators that failure was petition; from the American producer of raw probable. In the Speech from the Throne, materials, who would be similarly affected however, with which Earl Grey, the Canadian (and it is worth noting that certain Demo-Governor-General, opened the Dominion Parcrats in Congress oppose free raw materials); liament on November 17, the subject was and from the operatives, who fear reduced reviewed in these words:

Following the negotiations which took place some months ago between the President of the United States and my government, the results of which were at the time communicated to Parliaof the two countries has been held at Ottawa. While no conclusions have been reached, and no formal proposals made, the free discussion of the subject that has taken place encourages my government to hope that at an early day, without any sacrifice of Canada's interests, an arrangement may be made which will admit many of the products of the Dominion into the United States on satisfactory terms.

clared, in a speech at Montreal on October 10, when formally welcomed from touring the figures for 1909-10, \$149,634,107, being the Northwest, his belief that an advantageous largest on record—Canada purchases from arrangement was possible, repeated this dec- Britain but 25 per cent. of her imports, though laration in the debate at Ottawa on Novem- the "preference" applies to British goods. ber 21 after the conference had adjourned.

PRESIDENT TAFT'S ATTITUDE

On the American side, too, President Taft, in his annual message to Congress, mentioned the matter in these terms:

The policy of broader and closer trade relations with the Dominion of Canada which was initiated in the adjustment of the maximum and minimum provisions of the tariff act of August, 1909, has proved readjustment of the commercial relations of the two countries, so that their commerce may follow the channels natural to contiguous countries and be commensurate with the steady expansion of trade and industry on both sides of the boundary line.

ment.

BENEFITS TO THE UNITED STATES

The American arguments for reciprocity mercial union. are that it would open a highly advantageous market for United States manufactures, CANADIAN ARGUMENTS AGAINST RECIPROCITY afford access to Canadian raw materials for use therein, supply cheaper foodstuffs to the American consumer, and stimulate trade in Americans that Canada would "jump at" every form. Objections to it would come reciprocity that there is amazement at the from the American farmer, whose price of idea of her possibly declining such a compact.

wages and less employment.

BENEFITS TO CANADA

The Canadian arguments favoring reciprocment, a further conference between representatives ity are that whereas her exports were under \$100,000,000 until 1882, and did not total \$200,000,000 annually for twenty years later. they reached \$300,000,000 in 1909-10, the growth in the past eight years being thus as great as in the preceding twenty. Of the total this year, agricultural products form one half, showing that despite the progress of other industries, this still leads. Although Moreover, Premier Laurier, who had de- Britain remains by far Canada's best customer, taking virtually half her exports-the

With the United States the situation is the reverse. Canada buys from her 60 per cent. of her total imports even against the competition of the "preference," though Canada's sales to America are but 25 per cent. of her total exports, and in this fiscal year declined \$370,000. Still, reciprocity advocates in both countries regard these figures as amply justifying this policy, arguing that if these results are achievable under an American tariff designedly framed to exclude foreign mutually beneficial. It justifies further efforts for the products and a Canadian tariff based on moderate protection, what may not be expected if the tariff barriers were thrown down? The geographical propinquity and the promptness with which trade can be conducted naturally attract the two countries commer-Both governments being thus unequivo- cially; the United States needs raw materials cally pledged to earnest endeavors to effect and can obtain them nowhere else so confreer trade, it remains to consider the condi-veniently as in Canada; the outcry against the tions operating to make or mar the move- cost of living must make for reduced taxation and freer intercourse; and as the States gained by becoming a republic and the Provinces gained by becoming a dominion, both should gain by being linked together in com-

It has been so long taken for granted by

Therefore, the Canadian arguments against mines to come here free of duty? These are things the United States, are appended in some detail, to illustrate the obstacles in the way of an agreement. These arguments are:

(1) America denied us this concession when it seemed indispensable to us. Now, when we have her need, seeks reciprocity with us, let us treat her

in the same fashion.

(2) America will not give us a "square deal" in any case, for under the last treaty she charged us duty on the "packages" in which "fishery products" were contained, though bound to admit the latter duty free; and refused to consider Lake Champlain part of the canal system conceded freedom from tolls, though this had always previously been so regarded, these refusals largely destroying the value of the arrangement for Canada.

(3) We have, during the past forty years, spent vast sums in perfecting our railway systems and providing commercial avenues east and west, thus affording the maximum of employment to our own people and agencies in distributing our imports from and exports to the outside world (apart from the United States); whereas, under reciprocity the north-and-south lines and American transportation agencies would benefit at the cost of our own.

(4) Reciprocity would check the growth of our manufactures by enabling the output of the enormous American concerns to undersell that of our smaller concerns and prevent the further establishing of branches of American industries in Canadian centers, in which Senator Beveridge estimated there is at present invested \$250,000,000 of United States capital, which prevention would deprive our people of new avenues of labor.

(5) Reciprocity would render innocuous the "British preference"; and as to this it is important to note that Sir Wilfrid Laurier, speaking in British Columbia last September, declared that no interference with this "preference" would be tolerated in any trade arrangement with the United States, reiterating this declaration in the Ottawa Commons in the opening hours of the present session.

(6) As the American tariff is now nearly twice as high as Canada's the republic should reduce it to the same level, as an evidence of good faith, before even negotiations for freer trade are seriously

begun.

(7) Reciprocity would not necessarily mean cheaper commodities to the consumer, but simply enlarge the sphere of operations of the American trusts, for at present, with no duty on wire fencing, the price thereof, for Canada, is arbitrarily fixed by the American trust controlling the Canadian factories producing this material.

(8) The United States may abrogate this treaty as she did the last one, leaving Canada then to face the same problem as in 1866—that of finding new markets for the surplus products previously taken of the duty therefrom. by the United States but now left on her hands.

Finally, reciprocity is opposed as unnecessary because of the increasing dependence of America on Canada's raw materials, as confessed by Mr. Whitney, of Boston, in his article in the October Atlantic Monthly, in these words: "If a reciprocity treaty on broad lines is not possible at the present time, owing to the attitude of the Canadians, why

freer trade, which are but little understood in that we need and soon must have from some outside source.'

SPECIAL INTERESTS AFFECTED

It will scarcely be disputed that this is a formidable array and makes the prospect for secured commercial stability otherwise, and she, in reciprocity by no means bright; nor is the situation improved by a brief study of the particular interests affected by the general propositions stated above, as will be seen by the subjoined summary!

> FOOD STUFFS.—The Canadian farmer hopes for better prices for his products by selling them in America, but the effect would be to raise the rates for the consumer at home who clamors for a cheapening of the cost of living. The introduction of Canadian farm products into the United States, too, must lessen the prices American farmers would obtain. And yet, at the forty-fourth annual meeting of the National Grange at Atlantic City November 16-26, State Master Creasy, of Pennsylvania, chairman of the committee on agriculture, is reported to have asserted in his annual report, "that three-fourths of the farmers are in debt, despite the computations of the Agricultural Department in the contrary." Hence the difficulty of a Free Trade schedule in food stuffs.

> COAL.—The mining of bituminous coal is one of Nova Scotia's largest industries, the royalties on the output forming one-third of the provincial revenue. Mine operators and operatives consider reciprocity a catastrophe for the province, and the local government can hardly be expected to view it favorably. American coal entering Canada is taxed 53 cents a ton, to protect the home product, and while reciprocity would give Ontario and Quebec cheaper coal, Nova Scotia contends that her people pay an extra charge on food stuffs and manufactures from these provinces to "protect" these industries, demanding that the abolition of duty on coal be followed by similar treatment for competing products.

> FISH.—The fishing industry of the Pacific Coast is already largely controlled by Americans, as well that centered at Victoria and Vancouver as that prosecuted from Seattle and Tacoma. Many observers on the Atlantic seaboard fear the same result for that region under reciprocity, arguing that this would give American fishermen an advanced base in the Maritime Provinces to conduct their operations more successfully, and maintaining that it would be wiser to strengthen the barriers against them and trust to the rapidly increasing demand for sea food in America to provide ample outlets for the Canadian product and to effect the removal

Pulp Wood.—American industrial interests desire free entry of Canadian pulp wood, but the rapid depletion of America's forest wealth had induced Canadian provinces to prohibit the export of this raw material, thus compelling its manufacture, with large employment of labor, within their territory. The "Crown" or public lands in should we deny ourselves the advantages that each province are controlled by the provincial would accrue to us from at once allowing the prodgovernment, and as that of Ontario is Conservaucts of Canada's fisheries, farms, forests, and tive, and therefore hostile to the Laurier cabinet,

while that of Quebec, though Liberal, is equally isters pledged themselves to the agreement strong for this policy, the resulting impasse seriously affects the reciprocity negotiations.

AGRICULTURAL IMPLEMENTS.—The Canadian West demands cheaper appliances, contending that Canadian-made machines sell in America that Canadian manufactures secured from the Ottawa parliament remission of the duties on steel used in making "parts" therefor, and then imported most of this raw material, formerly obtained locally; but made no reduction in prices to the farmer, merely increasing their own profits by the duty thus saved. Canadian manufacturers decry this agitation, retorting that the farmer pays no more for his necessaries than twenty years ago, against a treaty and, except in western Canbut gets 40 to 100 per cent. more on what he sells.

OBSTACLES TO TREATY-MAKING

Moreover, this could only apply until March free import of farming machinery. 4, and after that, with the Democrats conpaign of 1912?

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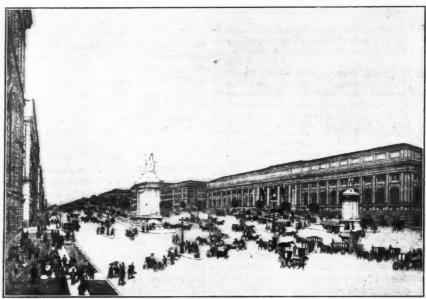
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they could certainly force it through the Dominion Commons, though there are some who doubt if the Senate, while strongly Liberal, could be relied upon to confirm an agreement unless it was undisputably advantageous to and Britain for less than at home and asserting the country. Prominent Liberal Senators, untainted by suspicion of personal motives, have declared against reciprocity; other prominent Liberal Senators are so closely identified with Canadian industries that they must necessarily take the same course, while the Conservative Senators are unanimously ada, there is little popular sentiment for it.

Even the newspapers supporting the Laurier government, with one or two exceptions, are but apologetic at best in their seemingly per-These complications would almost seem to functory advocacy of the negotiations. Capmake reciprocity hopeless. Yet situations tains of industry working harmoniously with apparently as unsolvable have been coped the cabinet in progressive policies generally, with heretofore, though this one will prob- declare their opposition, and one notable ably tax the ingenuity of the negotiators to personality stated his willingness to pay inthe utmost. Nor would all obstacles be definitely the \$250,000 a year which the duties overcome with the signing of an agreement, on coal represent to the enterprises in which if this stage should be reached. Indeed, in he is interested rather than see existing busisome respects they would be only commenc- ness conditions altered by American competiing. A draft treaty would then have to run tion. Even in western Canada, where the the gantlet of two parliaments. Its ratifi- sentiment for freer trade is more pronounced cation by the American Senate requires a and whence a delegation of five hundred two-thirds vote; and would enough Demo- farmers was to visit Ottawa in December to crats be found willing, under existing polit- advocate improved trade relations with the ical conditions, to assist the Taft adminis- United States, their policy was understood to tration by voting for a pact which might be an enlargement of the "British preferbring prestige to the Republican party? ence" from 33 to 50 per cent., coupled with

Such is the situation which will face the trolling the House and probably able with the conferrees when negotiations are resumed at help of "insurgent" Republicans to dominate Washington early in January. And it will be the Senate also, would "stand-pat" Senators interesting to see if their efforts bear fruit assist the Democrats in approving such an in a satisfactory accord or if the pour parlers accord, with both parties "playing for po- break down and the two countries determine sition" with an eye to the Presidential cam- to continue their trade relations on the present basis, modified somewhat by the possible With the Canadian ministry the position reduction of the American tariff independent would be somewhat different, because if min- altogether of a fruitless reciprocity agitation.





MAKING OVER CHICAGO-THE PROPOSED BOULEVARD ON MICHIGAN AVENUE

THE LONDON TOWN PLANNING CONFERENCE

BY JOHN IHLDER

· (Field Secretary, National Housing Association)

opinions both interesting and valuable. The- attractive and inspiring. orists and dreamers were there to present Mr. Leonard Stokes, president of the to municipal workingmen's houses, garden meetings had to be arranged. suburbs, and garden cities in and around The keynote struck by Mr. Stokes was London, the conference presented a fair im-repeated by several later speakers, notably

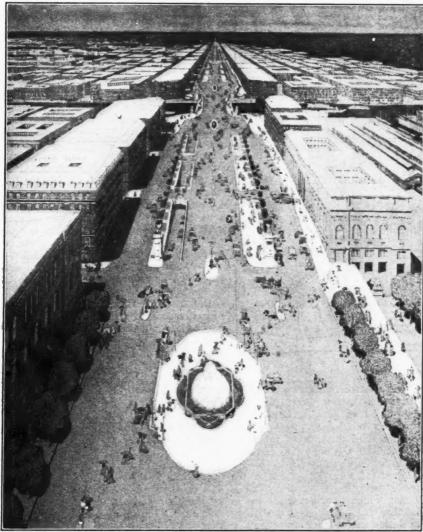
THE recent International Town Planning the civilized nations of the world in the Conference in London (October 11-14, effort to make their growing and problemful 1010) brought out an array of facts and cities not only decent and wholesome, but

pictures of urban Utopias of the future, senti- Royal Institute of British Architects, under mentalists to call attention to the value and whose auspices the conference was held, said beauty of much that is old, and, like old that its purpose was to interest the public things generally, possessed of that inherent and bring home to the general imagination perversity which makes them get in the the wastefulness of the present patchwork way of the hustling, matter-of-fact utilitarian. and hand-to-mouth building. For, he de-And the utilitarian was there to prove his clared, if the people want good healthy towns, contentions by facts and figures. So, with they will have them. So far as England was its great exhibition of models, maps, and concerned the conference evidently fulfilled pictures showing what has been done in its purpose. Mr. John Burns, president of Germany, what is being done in Great the Local Government Board, gave local Britain, and what is planned to be done in municipal authorities permission to send the United States; with its addresses and representatives up to London at public exdiscussions by architects, civil engineers, so- pense. As a result the meetings at Guild cial workers, and city officials from all parts Hall and the Royal Institute of British of Europe and America; and with its visits Architects were so crowded that overflow

pression of what is being accomplished by Mr. Daniel H. Burnham, of Chicago, who

presided at one of the sessions. Mr. Burnthe people want can be carried out.

Another American, Charles Mulford Robham's great pictures of the glorified Chicago inson, of Rochester, N. Y., made a strong of the future were in some respects the most plea for the application of common-sense to impressive exhibits at the Royal Academy. street planning, and illustrated his idea of Perhaps the contrast they present to the what should not be done by pointing to the Chicago of to-day led him in his address to city of Washington, America's first and, dwell upon the need of arousing public in- with the possible exceptions of Detroit and terest and to declare that any physical plan Buffalo, only example of thoroughgoing town planning carried into effect. Mr.



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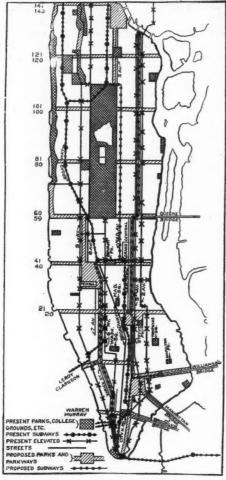
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PROPOSED BOULEVARD TO CONNECT THE NORTH AND SOUTH SIDES OF THE CHICAGO RIVER

(The boulevard is raised to allow free flow under it of east-and-west teaming traffic, and both Michigan Avenue and Beaubien Court are raised to the boulevard level. The raised portion throughout its entire length, from Randolph Street to Indiana Street, extends from building line to building line. It is approached from the cross streets by inclined roadways or ramps)



PROPOSED IMPROVEMENTS IN NEW YORK CITY

Robinson said that there are two groups of

partment of the Local Government Board, malaria is almost unknown.

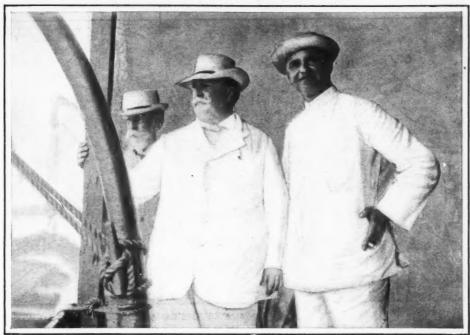
attacked this street problem from a different point. His experience in Sweden and Germany, he said, convinced him that the tenement system of block dwellings was as much the result of the wide road as the wide road was the result of the tenement system. Under the English Town Planning law narrow side streets and wide main thorough-

fares can be arranged for.

It is significant of the longer study Englishmen have given to town planning that the Englishman in this instance laid greater stress on the effect upon housing of good and bad street planning than did the American. And a little later a German, representative of the country where town planning has been most thoroughly studied, emphasized this difference. Prof. Rudolph Eberstadt, in describing the great plans which have recently been accepted as guides in the development of the Prussian capital, took occasion to poke a little gentle fun at his British hearers who, during visits to the fatherland, have been so impressed by certain spectacular features of German city building that they have quite missed their evil social effects. So, when the German town planner and housing reformer tells them, "We wish to do away with this system (tenements), pernicious for our people: we aim at the English home, the cottage, the individual house," the reply is, "Why, last night at dinner the Englishmen could not find words enough to praise this system which you would upset."

But despite this modest acknowledgment of having learned a lesson from England Professor Eberstadt ended with the declaration that Germany is the only land where one can study closely in connection town planning, street planning and the basis of social life,

Other addresses at the conference were changes necessary in our street planning: delivered by such men as Eugene Henard. (1) The provision of long, broad, straight architect of the city of Paris, W. E. Riley, radial highways of easy gradient, which, architect of the London County Council, Proshortening time and distance to the outer fessor Adshead of Liverpool University, and zones, will facilitate the daily ebb and flow John Burns, president of the Local Governof traffic and increase the area available for ment Board. At the last session Lord Kitchhome building; (2) a rearrangement of the ener described the building of the new Kharminor streets, adjusting them to the needs tum on the ruins of the old native city left of the section which they serve. It was in by the dervishes. In spite of such unusual this connection that he criticised the Wash- difficulties as were presented by a populaington regulation that no new street shall be tion which could not understand the need of less than ninety feet wide. For such a rule city building along sanitary lines, and which leads to great economic loss in municipal ex- was instinctively distrustful of everything penditure and to high rents. Æsthetically or- the English did, Khartum has been rebuilt dinary streets gain nothing by excessive width, in such a way that what was formerly a Mr. T. Adams, of the Town Planning De- pest-house has become a town in which



Copyright by the American Press Association, N. Y. PRESIDENT TAFT AND COLONEL GOETHALS INSPECTING THE PACIFIC END OF THE PANAMA CANAL IN NOVEMBER

REALIZING THE DREAM OF PANAMA

RESULTS ALREADY ACHIEVED ON THE ISTHMUS ASSURE THE COMPLE-TION OF THE CANAL WITHIN THE NEXT THREE YEARS

BY GEORGE F. AUTHIER

T is now possible to see the Panama Canal the House of Representatives, called marked marked "finished."

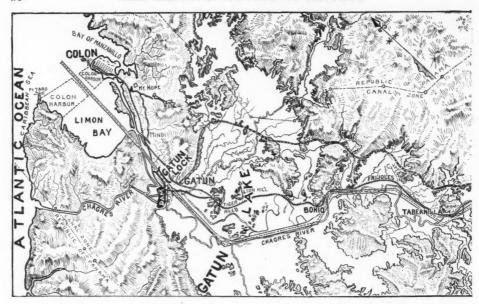
quacy of the canal.

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in process of building, and at the same attention to the progress of the work. While time derive from such a view a picture of the American people have been clamoring the completed waterway. January 1, 1914, to see "the dirt fly," Colonel Goethals and will see commercial vessels passing from ocean his corps of assistant engineers have been to ocean, and as early as June 1, 1913, smaller quietly devoting their army of something vessels may be utilizing the canal. The date like 35,000 men to the task of successfully of January 1, 1915, remains the date set for encountering the difficulties offered. Herethe official opening, when a fleet of American tofore, the picture in the minds of the Amerwarships will pass through the waterway, ican people has been one of preparation, of which will then be thrown open to the world a task in the process of evolution. There was presented to the President and to the The time elapsing between January 1, 1914, members of the Appropriations Committee and January 1, 1915, will be devoted to the the picture of a work that had "set." Order task of "tuning up" the machinery so that has been evolved out of chaos, a matchless no accidents to American warships can af- organization has been perfected by Colonel fect the confidence of the American people Goethals which works like a machine and in the military as well as the commercial ade- makes use of every minute of time. The engineering problem involved in the taming The recent visit of President Taft and of the turbulent Chagres River has been that of the Appropriations Committee of solved by the construction of Gatun dam,



MAP OF THE CANAL ROUTE, SHOWING LOCATION

the only portion of the work which Colonel cent. completed, the Pedro Miguel lock 51 experimental stage is the excavation of locks 5 per cent. completed. Culebra cut, where slides are offering unexpected physical difficulties. But, the only problem here appears to be one of time. In spite of it, the canal will be completed, not the contemplated cost of \$375,000,000.

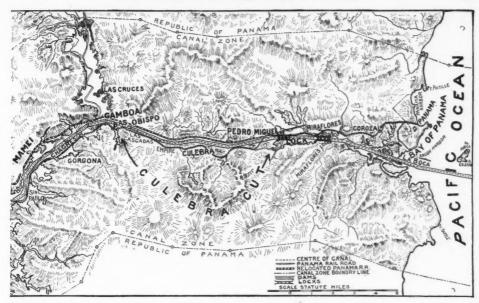
Copyright by the American Press Association, N. Y. COLONEL GOETHALS POINTING OUT TO THE PRESIDENT SALIENT FEATURES OF THE CANAL WORK

the locks are in process of construction, and completed; the Gatun locks were 44 per Goethals cautiously regards as still in an per cent. completed, and the Miraflores

DOING TWO YEARS' WORK IN ONE

The ensuing fiscal year will see increased on time, but a year ahead of time, and within activity in the work of construction. The Isthmian Canal Commission has submitted An idea of the present status of the work estimates asking for an appropriation of apmay be obtained from the report of Novem- proximately \$47,000,000, as compared with ber 26, 1910, which showed that the excava- the appropriation of \$37,855,000 made for tion for the entire canal was 72 per cent. the present fiscal year. The purpose involved in this proposed increased appropriation is to concentrate practically two ordinary years' work in one. The machinery evolved for the construction has reached its highest stage of efficiency. Dredging will hurry the excavation work in Culebra. The contractors building the gates for the locks have agreed to deliver the leaves for the gates six months earlier than was anticipated in their contract. The locks will be completed by June 1, 1913.

In considering the progress of the work and the likelihood of its completion at the time mentioned, it should be remembered that most of the construction has been done in the past three years. The United States took possession of the canal in May, 1904; but the work of actually making the "dirt fly" did not begin until 1907. The three years that intervened were devoted to prep-



OF IMPORTANT DAMS, LOCKS AND CUTS

aration. This involved the construction of shows the high record of 4,062,000 cubic houses for employees, the establishment of yards. To properly appreciate the difficulty a food and water supply, sanitation, and the involved in such a record of accomplishment, assembling of a plant. In 1907 the active it should be remembered that the rainy season work of excavation commenced. The total extends over nine months of each year. amount of excavation required to build the by the French prior to May 4, 1904, leaving have been taken care of. 182,537,766 cubic yards to be excavated by the American builders. The following table will show the manner in which the Americans are performing this Titanic task:

			AMOUNT Cubic Yards	EXCAVATED Monthly Average
May 4 to I	Dec. 31,	1904	243,472	30,434
Jan. I to I	Dec. 31,	1905	1,799,227	149,936
Jan. I to I	Dec. 31,	1906	4,946,497	412,375
Jan. I to I	Dec. 31,	1907	15,765,290	1,313,774
Jan. I to I				
Jan. I to I	Dec. 31,	1909	35,096,166	

by the French, amounted to 151,207,921 struction was transportation. The army cubic yards, leaving 61,237,845 cubic yards engineers who have succeeded Mr. Stevens still to be removed. At the beginning it was are generous in their praise of the work of thought that a total excavation of 1,000,000 their civilian predecessor. cubic yards a month would be the maximum Colonel Goethals took this plan as a basis. of efficiency, but the average of 3,000,000 and has carried out its completion, until now cubic yards a month has been maintained for one of the most perfect transportation systwo years and the month of March, 1909, tems in the world is being utilized, and a plant

In addition to this record of excavation, the canal under the present system is estimated task of building the Gatun dam has been in at 212,445,766 cubic yards. Of this amount, progress, immense quantities of concrete have 29,908,000 cubic yards of excavation usable been laid in the locks and spillways, and the in the American plan had been completed thousand and one other details of the work

THE MAN BEHIND THE SHOVEL

This marvelous record of efficiency is probably due more largely to the perfect organization evolved by Col. George W. Goethals, chief engineer and chairman of the Isthmian Commission, than to any other cause.

When Colonel Goethals arrived on the Isthmus, he found an admirable transportation system arranged by his immediate predecessor, Mr. John F. Stevens, who had been engaged in railway construction, and he The work already done up to November 1, brought his ability in this line with him to the 1910, including the small portion excavated Isthmus. The initial problem of canal con-

of man can evolve.

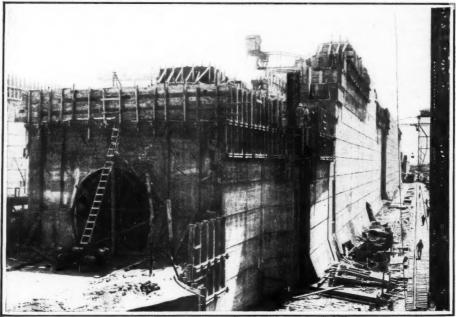
been worked out aims to utilize this plant to its greatest degree of efficiency. Colonel Goethals has demonstrated the possession not only of engineering skill in meeting the problem of canal construction, but has shown him-shows comparatively little accomplished in self the possessor of rare executive ability. the first few years of occupation, much of the To-day, he is the actual as well as the nom-efficiency of the present working organization inal head of the commission. He has likened is due to the thorough preparation made at his force to an army in the field, and no better that time. The victory which sanitation has simile could be found. Colonel Goethals is gained over the pestilent conditions of a tropthe commander-in-chief of this army. The ical country has made it possible to solve the Canal Zone is the scene of operations and the canal problem. To-day the Isthmus is as canal "job" is the enemy against which the healthy a place as can be found anywhere in army of 35,000 men, 2000 miles from its base the tropics. A trip over the Canal Zone will of supplies, is directing its energies.

complete example of paternalism in govern- disease-spreading mosquito. Under the adment ever known in the history of the world. ministrative direction of Col. W. C. Gorgas, Government, which also looks after their per- out. The value of the sacrifice made by Dr. sonal, physical, educational, and religious Lazear who gave up his life and of the deneeds. It supplies the schools, and pays the voted physicians who risked theirs in testing salaries of the ministers of the gospel. Of the mosquito theory of the dissemination of this entire organization, Colonel Goethals is yellow fever, is shown to-day on the Isthmus. the head and absolute chief, within a reason- Yellow fever is unknown. Colonel Gorgas able limitation of law. Each man, whether a has applied the methods learned in Havana, skilled mechanic, a clerk, or a West Indian and his success will be a lasting monument to

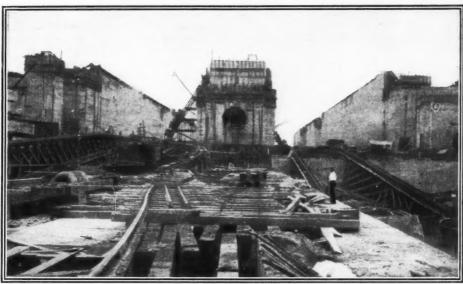
is installed which is as efficient as the genius working machinery which is digging the canal and solving the problem of an international The military plan of organization which has waterway that has been the dream of centuries.

THE TRIUMPH OF SANITATION

While the record of actual excavation show pipe lines running in every direction. The result of the organization is the most These carry oil designed to eliminate the Men are housed, fed, and cared for by the the problem of sanitation has been worked laborer, is a cog in this wonderfully smooth- him. Screens are in all of the houses on the



THE CENTER CONCRETE WALL AT PEDRO MIGUEL



VIEW OF GATUN, LOOKING SOUTH FROM FOREBAY, SHOWING CENTER CONCRETE WALL NEAR COMPLETION

the Isthmus.

TWELVE HOURS FROM OCEAN TO OCEAN

According to a time-table of transits which sea-level channel. Colonel Goethals has prepared, twelve hours tance on land will be 401/2 miles.

miles. Here it will enter a series of three Pacific sides and at Culebra cut. locks in flight, and will reach at once the highest elevation of the canal, 85 feet, and will find itself on the surface of Gatun Lake. This is the immense lake formed by impounding of the waters of the Chagres River appointed in not seeing more indications of square miles. Over this lake, steamers will by the evidences of engineering construction, move at full speed for a distance of 24 miles by the scenes of activity that meet his eye until they reach Bas Obispo, the entrance to at every point, and by the spectacle of the Culebra cut. The length of Culebra cut is locks, giant skyscrapers of stone, which rear about nine miles, the minimum width of the themselves at the three different points men-

Zone, but they are practically unnecessary so Pedro Miguel, one lock will lower the ship to far as protection against the mosquito is conthe level of $54\frac{2}{3}$ feet above the sea level. cerned, for the mosquito finds the problem of The descent from Pedro Miguel is to a lake existence difficult and almost impossible on 1½ miles long ending in the Miraflores locks. Two locks will lower the vessel to the sea level. Passing through a bottom channel 500 feet in width, the vessel will then pass out to the Pacific, covering 8½ miles in the

This brief review of the physical charwill be allowed the slowest ship in passing acteristics of the canal is given to convey an through the canal. This allows three hours additional picture of the progress of the for passage through the locks. The canal, work. It will be seen that the actual work from deep water to deep water, when com- of dry excavation is chiefly centered in the pleted will be 501/2 miles long and the dis- Culebra cut and in the foundations for the locks. The picture of the canal does not In passing from the Atlantic to the Pacific carry with it a view of continuous channel. side, the ships will enter the canal from The greater distance is over the surface of Limon Bay, passing through a channel 500 Gatun Lake. The actual visible channels feet wide to Gatun, a distance of about seven are at the entrances on the Atlantic and

THE GREAT GATUN DAM

While the visitor at the Isthmus is disby Gatun dam and will cover an area of 164 an actual canal channel, he is compensated channel being 300 feet at the bottom. At tioned. Gatun dam, in itself, is a disapside hills at Gatun.

supposed. The dam from end to end is 1.8 season they can be closed. miles long and 1900 feet wide at its greatest

the cost of construction. There can be no builders to ignore this treacherous stream. doubt of the ability of the dam to withstand the pressure of the impounded waters of the Chagres. The slope on the water side is so gradual that instead of the exertion of the about 860 feet in width at the bottom. This be built. fill is made of impermeable material, pumped material per month.

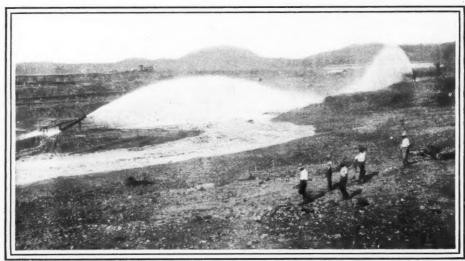
pointing spectacle. It is so immense that it with a concrete floor, 300 feet wide, to accomdoes not have the appearance of a dam so modate the overflow from the lake. The much as of a natural mound connecting the spillway will be equipped with movable gates which will permit the engineers in While a great deal of attention has been charge to regulate the flow of water. In the directed to this structure, it is really less of wet season, the gates can be removed, peran engineering feat than has been generally mitting an extra flow of water, and in the dry

The work on Gatun dam is nearing comwidth. The crest of the dam will be 115 feet pletion and will be ready simultaneously above sea level, placing it about 30 feet above with the completion of the locks. The water the normal level of Gatun Lake. The width is already beginning to collect in Gatun Lake of the dam at the 85-foot level, where it and it is anticipated it will take about two meets the crest of the lake, will be 375 feet. years to fill the reservoir. Across the bed of The dam is semicircular in shape, meeting the lake the Chagres River meanders, crossand including elevations or hills in its con- ing the proposed channel about fifteen times. tour, which have been left intact, reducing The Gatun dam has enabled the American

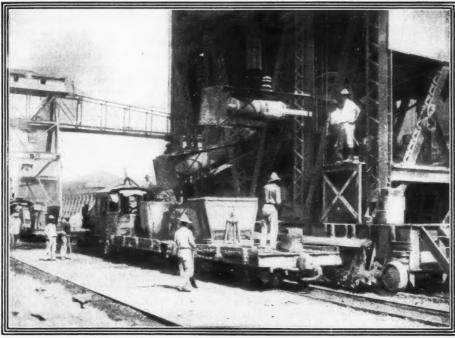
THE LARGEST LOCKS IN THE WORLD

In the construction of the locks the canal pressure in anything like a direct form it builders have had to meet novel difficulties. will be directed downward instead of up- In the first place, the locks are the largest ward. In picturing the canal, imagine two ever designed. They are constructed in outer structures, or toes, built of dump mate- pairs, and involve an immense amount of rial from the canal. These "toes" are the excavation and of concrete laying. Excavaframework of the dam, and continue from tion of 5,500,000 yards of dirt is necessary end to end. They permit of a fill between, for the construction of the twelve that will

The locks will be approximately 81 feet in by suction dredges, which pump a con- high. The center wall has a width of 60 feet stant stream, 20 per cent. solid, filling in at for its entire height. The side walls will be the rate of from 300,000 to 400,000 yards of from 45 to 50 feet wide at the surface floor, narrowing at a point about 241/3 feet above In the middle of the dam is a spillway, the surface of the floor until they are 8 feet



CLEARING MUD AWAY BY WATER PROCESS AT MIRAFLORES



THE CONCRETE MIXER AT PEDRO MIGUEL

locks into chambers of 400 and 600 feet pressure. respectively. When a monster ocean liner

used to operate the machinery, and the up- as many barrels of cement. per gallery will furnish a passageway for the

Lateral culverts, eighteen feet in diameter, large enough to accommodate a train of cars to flow upward, thus minimizing the oscilla- power. tion that would otherwise result from too

wide at the top. The interior chambers for on, it will require about eight minutes to fill the accommodation of ships will be 110 feet, the locks. The holes permitting the water to usable width, and 1000 feet long, large flow upward into the locks will be controlled enough to hold the biggest ship ever built. by valves of the Stoney gate type. They In order to facilitate the passage of ships move on rollers, in frames, to reduce the through the locks, intermediate gates will be friction. With the water turned on, these placed in the lock chambers dividing the gates will bear a weight of 275 tons of water

The lock gates will be mammoth steel passes through, the two chambers can be structures, 7 feet thick, 65 feet long and from thrown into one. Most of the ocean-going 47 to 82 feet high. They will weigh from 300 vessels are less than 600 feet in length.

to 600 tons each. Ninety-two leaves will be Through the center wall, about 421/3 feet needed for the entire lock construction of the above the surface, will be a tunnel, with three canal, with a total weight of 57,000 tons, fit galleries. The lowest gallery will be for drain- appurtenances for structures that involve the age, the one above for the use of electric wires use of 4,500,000 cubic yards of concrete and

INSURING SAFETY IN THE USE OF THE LOCKS

In building the locks the canal builders and a locomotive, will allow the water to run, have built for safety. The greatest number by gravity, to the lateral culverts which will of lock accidents in the past have occurred pass beneath the floors of the locks. Holes in through the use of their own power by vessels the floor about eighteen feet apart connect passing through. No vessel will be allowed with these lateral culverts, allowing the water to traverse the Panama locks under its own

Electrical locomotives will run along the rapid an inflow. With both culverts turned tops of the locks, towing the vessels, the power



right by the American Press Association, N. Y. THROWING MUD INTO THE DAM AT GATUN

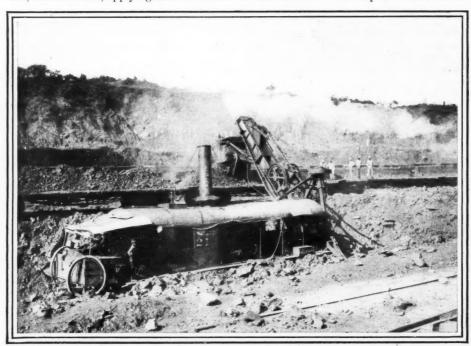
to be generated from the head made by material used. At Gatun the upper lock is Gatun dam and Lake.

ranged. For example, double gates have been tically finished. installed for simultaneous operation at the upper and lower end of the locks. Still an- in the way of actual canal construction. One other device for safety is furnished in a chain passes over the bed of Gatun Lake, in which which lies along the surface of the water little work will have to be done with the excepattached to capstans on the wall. This de-tion of cutting trees and lowering a few hills vice, it is estimated, applying frictional resist- in the channel. The trip is made over the

ance at a varying rate as it develops, will stop a 10,000-ton vessel, moving at the rate of six miles an hour. When not being used, the chain will rest in a groove in the floor and can be raised at will. A third device is the use of a portable dam across the upper gates. This is in the form of a swing drawbridge with wicket girders which can be let down one at a time. All of these devices have been used successfully, but never before in lock construction have all of them been installed together.

At the locks the visitor witnesses a scene of strenuous activity. He sees immense mixing plants, huge cranes carrying buckets over the walls, lowering cement and concrete at their various places. He sees steam shovels engaged in the work of excavation and everywhere men busy as ants, building structures that rival steel skyscrapers in their height and size, and far outreach them in the quantity of completed, the second lock is well under way, Still other safety devices have been ar- and the excavation for the third lock is prac-

From Gatun to Culebra there is little to see



A STEAM SHOVEL AT WORK IN CULEBRA CUT



THE CULEBRA CUT AS IT APPEARS TO-DAY

\$185,000 a mile. This relocation line, with last. This has since been reduced. the exception of nine miles on the Pacific end, in partial use.

THE FAMOUS CULEBRA CUT

difficulty in the pathway of the canal. In immense amount of work. The diversion at entering the cut, one is reminded of the Obispo involved the removal of 1,000,000 Royal Gorge in Colorado. The tips of Gold cubic yards of material. Hill on one side and Contractor's Hill on the other rise up ahead, and through the gorge already excavated one sees the work of excavation in actual progress. The cut is about nine miles in length and at either end ing the different levels upon which the steam it has been practically brought down to the shovels work. In this gorge an army of men proper level.

Hill, having lowered the surface by 140 feet. shovels, working with almost human in-The Americans immediately started in to genuity, each one doing the work of 600 men,

Panama Railroad, which will be submerged to bring it down to the proper level. At Emby the lake, a fact that has necessitated its pire, the highest level in the canal prism, there relocation at a higher level, at a cost of was still remaining about 85 feet in August

In order to protect the gorge from flooding, is now practically complete, and much of it is it has been necessary to parallel the sides of the canal prism with ditches or "diversions," which allow the flood waters to flow into the Chagres at Gamboa on the east side, and at Matachin on the west side. These drainage At Culebra cut, the visitor sees the great ditches, or diversions, themselves involve an

HOW THE SHOVELING GOES FORWARD

The banks of the cut rise in terraces, makis at work. Constant blasting results in a The elevation in the center permits loaded series of detonations that seem to indicate the trains to run down grade both ways. When progress of a heavy bombardment. Trains the Americans took over the work they found loaded and unloaded are running back and the French had made a narrow cut near Gold forth carrying the spoil, while the steam widen the cut to the proper dimensions and are constantly at work. From fifty to sixty to remove the 153 feet still remaining in order of these huge machines are engaged in the

pers varying in capacity from $2\frac{1}{2}$ to 5 cubic completion of the canal.

see which can make the best record.

matic air plants in the world.

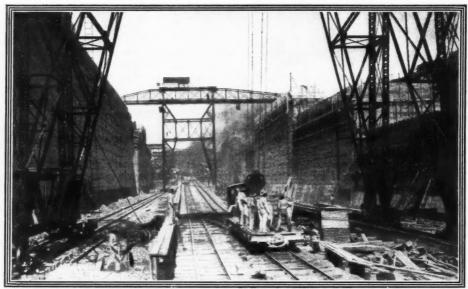
It is here that the canal builders have encountered their greatest difficulty. Slides works with a force of 700 men, preparing are constantly impeding the work and mak-rock for the concrete plant at Gatun. At ing additional excavation necessary. The Gorgona are immense machine shops, while French encountered these slides, and they on other portions of the canal are various continue to increase in volume as the canal other works and plants which serve to keep prism is deepened. The best known slide is this army of men busy. that of Cucuracha, just south of Gold Hill, earth as fast as it fills in. Over 1,000,000 the largest one, and at other points where cubic yards are still in motion and will have immense areas are being filled with refuse. to be removed. While the slides offer difficulties, it is not expected they will affect which is dragged along the tops of the cars, the total cost and amount of the work by unloading the dirt loosened by the one milmore than I per cent. No serious danger lion pounds of dynamite used monthly. The

work of excavation, each equipped with dip-from these slides is anticipated after the

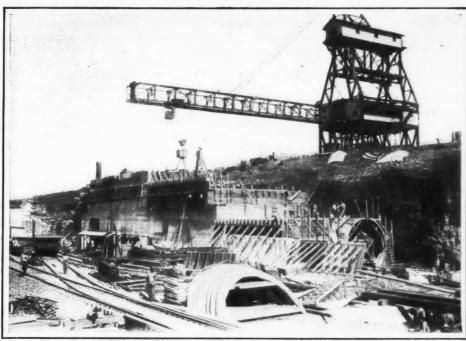
It is also in Culebra cut that the visitor The earth is first blasted and then the shov- obtains an idea of the immensity of the plant. vel grabs in its capacious maw the loosened. Here he sees many of the devices installed to material, never hesitating even at a rock that lessen labor and to enhance accomplishment. seems as solid as Gibraltar. There is great Some idea of the magnitude of the mechanrivalry among the steam-shovel engineers to ical portion of the work may be gathered by the fact that 100 steam shovels are at work on Preparing for the steam shovels are the the entire line; that the plant carries 4131 cars, men drilling blast holes in which to place the 279 locomotives, 18 dredges, 39 barges, and The holes are drilled with air 16 pile-drivers on the canal alone, with 68 drills, supplied by one of the largest pneu-locomotives, 56 coaches, and 1405 freight cars on the railroad.

At Culebra one sees track torn up and where an area of over 27 acres is in motion. laid down with seemingly reckless abandon. In 1907 the maximum movement of this slide Over a mile of new track a day is not an unwas 14 feet in twenty-four hours. Other usual thing. To perform this task more exslides have developed from time to time. peditiously, a track-laying machine is used When they occur there is nothing to do but which does the work of 700 men. This is to start a steam-shovel gang taking out the used especially on the dumps at Tabernilla,

To unload the cars a steam plow is used.



LOOKING THROUGH THE LOCKS AT PEDRO MIGUEL



A GIANT CRANE LOWERING CONCRETE INTO THE SOUTH WALL AT GATUN

mainder is spread out on the dumps, where another device is used to scatter it after dumping from the cars. To operate this plant there is an army of 35,000 men, involving a pay roll of \$2,000,000 a month.

entrances. Colon Harbor, on the Atlantic were 45,000 men on the pay roll. Of these, side, is open and unprotected. It will be en- 5000 were Americans. The remainder were closed by a breakwater, two miles long, ex- Italian, Greek, and Spanish laborers, and tending northeastward from Toro Point colored laborers from Jamaica, Barbados, Lighthouse. Another breakwater, about and other West Indian points. On Septemthree quarters of a mile long, will protect the ber 28, 1910, there were 35,369 men actually entrance channel on the east side.

trains move backward and forward con- be used for fortification purposes, in case the stantly, and only the President's special has policy of fortification is adopted. They are been known to stop these constantly moving so situated as to prevent the approach of processions of cars carrying the spoil of war vessels to a point where shelling can be Culebra. Much of the spoil is taken to effectively done. For the same reason, Mira-Gatun dam, while some other portions are flores locks were placed farther inland than used in the breakwater that is being con- was at first planned, in order that the locks structed at the Pacific entrance and the re- might be out of shelling distance of the sea.

THE LABOR PROBLEM

In order to carry out this stupendous work Colonel Goethals and the Isthmian When the canal is complete breakwaters Canal Commission have met and solved the will protect both the Pacific and Atlantic labor difficulty. In August of 1910 there at work. The discrepancy is explained by The Pacific harbor is usually quiet, but to the fact that the West Indian laborer will prevent the inflow of silt and to provide never work so long as he has any money in a dumping place for much of the Culebra his pocket. Of this number, actually workspoil a breakwater is being built from Balboa, ing for the commission and not for the the Pacific terminus, to Naos Island, one of Panama Railroad, 4459 were on the gold the several small islands in the harbor, four roll, or on the roll which calls for the paymiles distant. These islands will probably ment of wages in American currency, and

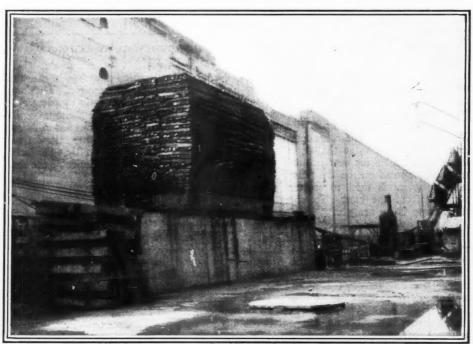
ing discontent.

when President Taft was on the Isthmus.
Government employees cannot strike, but the
UNCLE SAM'S REGARD FOR THE WELFARE OF boiler-makers, drawing 65 cents an hour (almost twice as much as they would receive in the United States), demanded an immediate any than he could obtain in the United States, settlement of their difficulties. The President the Panama employée finds his lines cast in refused to make an immediate answer, and pleasant places. The Government looks upon

25,229 men were on the silver roll, or paid notice. Later they were ordered to perform in Panamanian currency. The men on the certain duties and refused on the ground that gold roll include mechanics, skilled artisans, under the terms of their agreement they were clerks, and officials. They are mostly Amer- not required to do so. Colonel Goethals imicans. By the distinction of the "gold em- mediately discharged them. The complaint ployees" and "silver employees," the Govern- of the boiler-makers was the same as that of ment has solved the difficulty of the separa- all hourly men. They were receiving 65 cents tion of the races. The signs over the eating an hour, with "time and a half" for overhouses, in the waiting stations, and in the rail-time. They were also receiving fifteen days way cars, "for gold employees" and "for silver leave of absence and thirty days sick leave, employees," indicate where the different races with the usual privileges, which, in the case of shall enter, with the elimination of any result- married men, is computed to be worth \$45 a month additional. They wanted six weeks The generous wages paid to employees has leave of absence. After his return President minimized labor difficulties, although what Taftissuedan executive order, allowing hourly may be the beginning of trouble was started men thirty days leave of absence, with pay.

CANAL EMPLOYEES

In addition to drawing a much higher salthey resigned, giving the required five days' him as a ward. He is provided with quarters,



TESTING THE STONEY GATE VALVE

(These valves will control the flow of water from the lateral culverts into the floor of the locks in the canal. The valve is the thin structure between the concrete testing stand and the corded pig-iron on top. The testing wall was built for the purpose of testing the frictional resistance of the water that will rest on the valve when the lock is filled with water. The pig iron, looking like cord wood in the picture, weighs 275 tons, the exact weight which the pressure of water will exert. The tests were for the purpose of determining the mechanism, the frictional resisting power, etc. The valves are made of steel, 10 feet 8 inches wide by 18 feet 10 inches high)

and light, and ice is delivered at his door at be paid in New York or Chicago. cost, and free hospital service. He is eligible to membership in any of the social clubs, the Government furnishing the clubhouse with bowling alley, pool and billiard tables, superare taken to the schools and returned to their ocean commerce of the world. homes in conveyances. If they attend the high schools at Ancon and at Gatun.

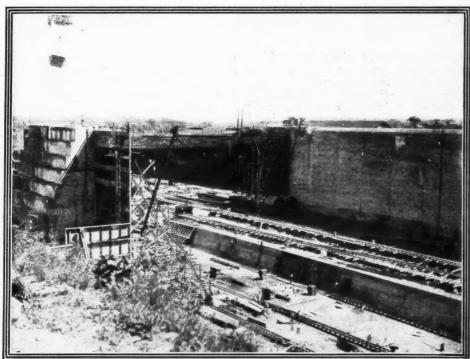
high cost of living is eliminated. The Amertification, with an additional \$2,000,000 for a ican employed on the Isthmus eats beefsteak proper naval establishment. President Taft of a finer character than is usually obtained is committed to the proposed policy of fortiat home, and at less cost. The commissary fication and the two questions will be thrashed department, under the management of Major out by Congress this winter.

a modern house in the case of married men; Wilson, runs special trains across the Zone, his house is furnished, he receives free medical carrying fresh vegetables, fresh meats, fresh attendance and medicine, free fuel, free water eggs, and at a lower price than would have to

CANAL ADMINISTRATION

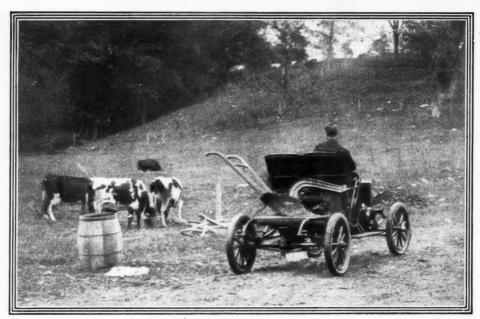
Already the future administration of the intendents and stewards, for which he pays canal is under discussion. As a result of his \$10 a year, the money being used by the club visit, President Taft has recommended a toll for the purchase of books, magazines and charge of \$1 per net ton register, which is a other appurtenances. If he belongs to a cut rate of 68 cents as compared with the tolls church, he finds the church furnished and the charged by the Suez Canal, and which, if preacher employed. He has free books, free adopted, may result in a commercial war beschools and free school supplies. His children tween the Panama and Suez routes for the

The progress of the construction work has high school, they are given monthly trip also brought the question of the fortification passes over the Panama Railroad to the of the canal to the front. The War Department has submitted an estimate and asked Through the commissary department, the for an appropriation of \$10,000,000 for for-



THE MIDDLE LOCK OF GATUN DAM

(Showing the full depth of the Canal and bottom, all completed)



PUTTING THE AUTOMOBILE TO GENERAL FARM USE

FARMING WITH AUTOMOBILES

BY GEORGE ETHELBERT WALSH

STEAM tractors have been employed for a graded up to 1 to 8, and, by the use of spuds a way to make revolutionizing effects in the amount of water carried. planting and harvesting of our great crops

and seven tons on ordinary macadam roads tractor.

good many years for heavy industrial affixed to the wheels, the tractors can haul motor vehicle work in nearly all parts of the trailers behind of from three to four tons. world, but with the exception of tractors for These English gasoline tractors can extricate plowing on our big Western ranches the use of themselves from soft ground or travel over these machines has been very limited in this very rough and uneven ground. The macountry. Now that the explosive engine has chines have the advantage over steam tractreached a high stage of development, the gas- ors both in the cost of fuel and in weight. oline tractor has appeared as an important The weight of fuel is about one-eighth of that factor in our agricultural life. It promises in of coal, and a further gain in weight is in the

The English tractors are intended likewise and in the transportation problems of the for hauling agricultural machines, and are readily adapted in a semi-combined fashion The gasoline tractor is designed to meet for a great variety of farm work, such as haulboth industrial and agricultural conditions ing and operating plows, mowing machines, of the country, and its work is almost as reapers and binders, and for driving threshing wide and varied as the conditions of trade and outfits, chaff cutters, grinders, and sawing commerce. The automobile trucks are rap- equipments. The tractors are mounted on idly taking possession of the streets of our three wheels, all of which are adapted for cities both for light and heavy hauling, but propulsion, but the third is driven from the they are not intended to meet the require-balance gear of the differential shaft. No ments of the day in the rural and country one wheel can slip when rounding a cordistricts, where hauling of heavy loads for ner unless the third wheel slips also, and, long distances over all kinds of roads is the as the fundamental point of agricultural important issue. In England, tractors are in traction is grip on the ground, no great use designed for hauling gross loads of six weight is therefore necessary for this type of

shown that from one and a half to two gal- most popular. The engine is mounted on lons of fuel they are able to operate for one wheels and can readily be transported to any hour a threshing machine, mow two acres of part of the farm to grind feed for the cattle, grass, mow and tie nearly two acres of grain, cut corn for ensilage, pulp roots, thresh grain plow nearly one acre, or haul three tons six in the barn, and milk the cows and run miles. There are three speeds provided for the churns and cream separators. A fiveeither direction—3½, 2½, and 7 miles per horse-power engine will, for instance, thresh

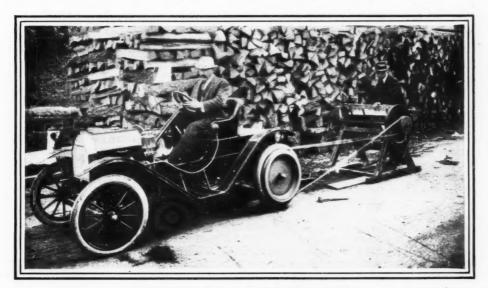
line tractor appeared later than in England, operation of it. but it has multiplied far more rapidly in the In regions where medium-sized grain farms last few years. Relatively speaking, the are cultivated, with a crop of from 6,000 to small, but it is increasing with marvelous number of men and at the proper time. The rapidity. The question of power on the farm gasoline portable outfit of from 12 to 30 is to-day of crucial importance. The porta- horsepower has solved this problem for ble gas engine or tractor is revolutionizing thousands of farmers. Many farmers of this agricultural conditions just as surely as the class are equipped with portable tractors of use of general farm implements did a quarter from 30 to 35 horsepower, which have good and half a century ago. Thousands of farm- hauling power and are sufficient to handle a ers are annually equipping their farms with good-sized separator fitted with both selfgas engines of small and large power to oper-feeders and stackers, and also baggers. The ate grindstones, pump water, saw wood, chop engine is used also for plowing and much other fodder, grind feed, operate churns, and cream work on the farm. A 12-horsepower engine separators, and to furnish light for the barns is powerful enough to handle a 28-inch separaand homes. On the larger farms and ranches tor without feeder when a carrier instead of the gasoline engines are doing the plowing, a wind stacker is used. This outfit may harrowing, mowing, threshing, and hauling answer for the smaller farm, but not for the of produce to market.

Where 75 per cent. of the rural community vital importance. is given to mixed farming, combining dairystall-fed beef cattle, the small portable gas gasoline engine running a separator with

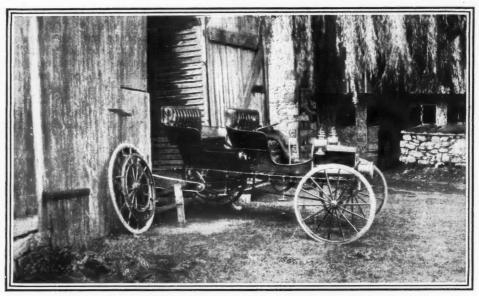
From actual experience these tractors have engines of from 5 to 10 horsepower are the from 200 to 250 bushels of wheat a day. In the United States and Canada the gaso- and only two men are required for the

percentage of crops planted, harvested, and 15,000 bushels, the problem is and always has hauled to market by the tractors is very been how to do the threshing with the least larger ones where the help problem is of such

A comparison between the old-fashioned ing, hog raising, and the fattening of choice steam method of operation and a portable



IMPROVED PORTABLE SAW-MILL FOR FARM USE



AN AUTO DOING DRAUGHT-HORSE WORK IN FRONT OF A CORN-CRIB

(The farmer can make this machine take the place of a small engine for sawing wood, shelling corn, pumping water, chopping feed, and churning, besides serving as a vehicle)

up as follows:

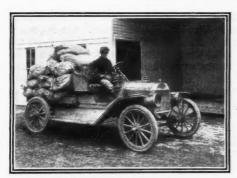
STEAM	
Engineer, per day	2.50
Total	\$11.50
GASOLINE	
20 gallons of gasoline at 25c, per gal 2 hours of man's time each day at 25c	\$5.00 .50
Total	\$5.50
Saving in favor of gasoline engine	\$6.00

for every 171/2 acres plowed. The ground had farmers. been idle for some time, and it was plowed In most parts of Dakota where gasoline is

self-feeder and wind stacker may be summed shortly after it had been wet and soggy. The vegetation was rank and heavy, presenting most difficult conditions for plowing. The cost of from 17 to 18 cents per acre included only oil for fuel and lubrication.

> COMPARATIVE COST IN PLOWING: HORSE, STEAM, AND GASOLINE

Throughout the States of Kansas, Nebraska, Oklahoma, and parts of Texas, Colorado, and New Mexico, traction plowing with gasoline outfits is quite common, and the lack of rainfall for a large portion of the year makes the ground so dry and hard that horse plow-The size of the fuel and lubricating bills ing is often practically impossible. In this depends partly upon the grades of oil. Most region it costs the farmer with the horsepower of the tractors are designed to burn gasoline, to plow land the following: Four horses, ten kerosene, alcohol, and any low-grade oils of hours, \$3.40; one man and board, \$2. This various kinds. In Iowa and other central outfit will plow five acres at a total cost of Western States the farmers use low-grade \$5.40 or \$1.08 per acre. This outfit will also kerosene oil known as Southwestern distil- break 2.5 acres of prairie sod at a cost of late, costing from 5 to 7 cents a gallon. approximately \$2.16 per acre. These figures This fuel comes from the Kansas and Okla- may vary a little throughout the corn belt and homa oil fields. The gasoline used in this Northwest wheat country, but they represection is a non-illuminating oil, and costs sent a good average. The great problem from 12 to 14 cents a gallon. At these rates has been to reduce the cost of preparing the the cost of plowing with a 22-horsepower soil for the crops. Anything that will lessen tractor in a test of eighteen shifts was \$3.137 this materially will mean a great boon to the



STARTING FOR THE MILL

delivered on the farms at a cost of 16 cents as the man handling the horses. The farmper gallon, the gas tractor for plowing has working horse requires 31/2 pounds of grain already proved a great factor in the agricul- and $6\frac{1}{2}$ pounds of hay for every hour of tural problem. Here the land is plowed with actual work during the year, costing for feed gasoline tractors at a cost of 80 cents per acre. alone at prevailing prices from 4 to 5 cents This is based on an allowance of 3 gallons of per work hour. In return the animal gives fuel to the acre; two men running the outfit practically only a little more than half a at \$3 each, and for board of the men. The horsepower. The steam traction engine tractor will average 25 acres a day. That the uses approximately a ton of coal per horsecost of the fuel is one of the determining fac- power hour at the draw bar costing from tors in the situation is evident from the fol- 2 to 4 cents, according to price of coal. lowing comparisons of a steam and gasoline The gasoline engine tractor under the same

very heavy, and coal at the mines can be had for \$3 per ton, and a mine is often closer to the field than a railroad station, the cost of plowing 25 acres a day with a steam

Shift the scene to almost any part of the Dakotas where coal costs on the average \$7 per ton and gasoline 16 cents per gallon, and we find that it costs \$1.32 to plow an acre by steam and 80 cents by gasoline. These figures are based upon actual operating costs, and will vary only slightly in different localities.

In competition with the horse the gasoline tractor on the big farms and ranches has an enormous advantage. In the matter of endurance. the horse cannot on the farm do more than from thirteen to fifteen miles of pull a day and retain its

health, nor work more than from six to eight hours a day. A gas tractor will make seventeen miles of furrow travel in ten hours, and can double this in twentyfour hours, including all extra turns. A horse working six hours a day under heavy loads would wear out in ten years. The average farm tractor has a useful life of more than ten years when carefully looked after.

One man in the field may handle from four to six horses, developing thereby from 2½ to 5 horsepower. Two men on a tractor developing as much power as 25 horses will do from ten to twenty times as much work conditions costs approximately from 2 to 3.5 In central Montana, where sod-breaking is cents, depending upon the price of gasoline.

USEFULNESS OF THE GASOLINE TRACTOR

But the modern tractor is used for nearly tractor is \$25, or \$1 per acre. Gasoline in every variety of farm work, and not limited this same region sells at 22 cents per gal- to plowing and threshing, and its adaptability lon, and the cost of doing the work with to these varying conditions makes it almost, a gasoline machine averages \$1.20 an acre. if not more, flexible than the horse. It can



CARRYING MILK TO THE CREAMERY



HAULING A LIGHT LOAD OF HAY

outfit all at once. When the work is finished gions of this country. the tractor is hitched up to a trailer loaded with hay or grain, and it travels at the rate of three to seven miles with several tons of produce to the distant railroad station or market. machine it is far ahead of the horse.

IMPROVING THE COUNTRY ROADS

the fall of the year when crops are harvested farmer with a good automobile delivery truck heavy tractors roll them into the soil, and if produce in person at the markets and get back more stone is put on each spring a natural to the farm early in the forenoon. In addi-

hard road is obtained without the cost of expensive rolling and laying. On macadam roads in the rural districts of England the broad-tired tractors have not been found injurious, even when trailers are hauled behind them. The chief desideratum is that both tractors and trailers shall have tires at least five or six inches wide.

On the general-purpose farms of a dozen States of the West and Northwest, the gasoline engines are engaged in putting the small grains in the ground in the spring, plowing, discing and harrowing for corn, hauling loaders and wagons in the having season, harvesting the small grains and hauling wagons when stacking, hauling and spreading manure, plowing and seeding in the fall, cutting corn and filling silo, running the threshing mabe used for pumping water for stock and home chines, cutting corn fodder or hauling corn use, which the horse could not well do, and it huskers, hauling the crops to market, running can be harnessed up in tandem to operate a the wood saw, running the hay press and the number of machines simultaneously. It is no feed grinders, and pumping water and furnishuncommon sight in the West and Northwest ing light for barns and houses. These and to see gasoline tractors operating a grind-many other things are being done by portable stone, feed chopper, fanning mill, and sawing engines and gas tractors in the farming re-

SAVING TIME IN HAULING

Farming by automobile is thus not exactly As a pumping engine the gasoline engine is a fanciful idea, but a practical application of far ahead of the windmill, and as a hauling the automobile engines and equipments for every-day agricultural work. In addition to this many automobiles of the regulation type and of special design are employed by the farmers of the West for both business and Many of the gas tractors of the West are in pleasure. Thousands of light automobile one sense home-made. They consist of ordi-trucks and delivery wagons are used by the nary 10 and 30 horsepower gasoline engines farmers for hauling almost daily in the harvest mounted on broad-tired wheels of some disseason farm produce of a perishable nature to carded farm machine. These tractors are market. A trip of from ten to twenty miles then used for hauling heavy loads of hay and is easily made with a light load of perishable grain to market. Good roads are not so essen- goods. The saving in freight and express is tial to this work as appears at first sight, and a big item to consider. The truck farmers the tractors instead of injuring the roads tend near our large cities are adopting the automoto improve poor highways. The wheels of bile delivery wagon, for to them it saves time the heavy tractors are broad, and they pack in delivery over the old system of hauling by down the soil of the wheel track firmly, horse and truck. The farm automobile is Roads of inferior condition where tractors bringing the cities closer to the farms and have traveled over them for a few months in opening up a wider region for supplies. The show a firmer roadbed than many macadam is closer to the market to-day, when living at The farmers and road-builders of a distance of twenty miles, than another livmany of these farming sections have discoving six or eight miles from town if dependered that all they have to do to make good ent upon the ordinary horse and truck. The roads is to fill all hollows and muddy places annihilation of space for the farmer is thus with stones broken the size of an egg. The a big consideration. It enables him to deliver

tion to this he has the pleasure of a spin, and horsepower, are annually purchased by farmwhen recreation is in order.

the farm and rural trade.

something to look forward to on Sundays ers for use in operating about everything from a churn and sewing machine to big In the last year the biggest purchasers of threshing machines. The gasoline engine of automobiles in four of our Western States small horsepower is adapted to a farm of any lived in the rural districts or in small towns size. It is the only power that can cover and villages. About 60 per cent, of these the whole field as well as the horse. The purchasers were farmers, or what might be small farmer could not afford to own and called near-farmers. In four other Western operate a steam engine, but a chicken farmer States 40 per cent. of the buyers of automo- or small fruit farmer can afford a 2, 3 or 5 biles were out-and-out farmers or stock breed- horsepower gasoline engine. The wonderful ers, and 20 per cent. of the purchasers in flexibility of the engine thus makes it of the five other States belonged to the same class. greatest practical value to the greatest possible There is little wonder that manufacturers of number of people. In other words, the gas the West are designing special machines for engine in one form or another is rapidly and steadily revolutionizing farm conditions from The story is not complete without adding one end of the country to the other. It is that nearly one hundred thousand gasoline not a dream of the future, but an actuality engines, ranging in size from 11/2 to 40 observable upon tens of thousands of farms.

THE AUTOMOBILE IN FIRE SERVICE

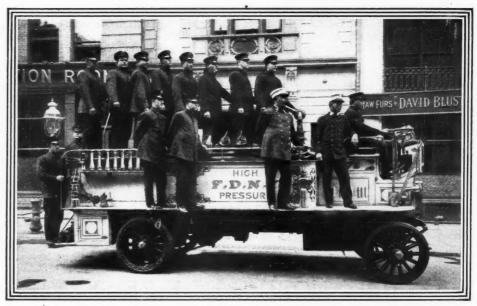
BY HERBERT T. WADE

THE automobile has scored a dictinct principally by the weight that three horses triumph in fire department service. To- could draw at reasonable speed. a speed of thirty or forty miles an hour, the pleasanter and more sanitary. As a result of automobile has established itself on the score these economies many towns and suburban of efficiency and economy.

ble to bring a fire under control before it already developed is not without interest. develops to serious dimensions. Thus with increased speed for all classes of apparatus, it steam fire engine is usually considered the seems probable that larger and more powerful most important piece of apparatus, the power machines can be used, for the size and power of the individual machine depending upon of fire engines, extension ladder trucks, and its size, which, as we have seen, is limited by

day all progressive fire departments are adopt
The economy of motor-driven apparatus is ing or are considering motor-driven appa- of course apparent. With no horses to feed, ratus, which finds application not only in the shoe, and otherwise care for, and with fuel and largest cities, but in the rural and suburban lubricating oil consumed only when the districts, where anything like adequate fire machine is in actual use, the saving on the protection hitherto has been impossible, score of maintenance is extraordinary. Added Thus from New York, where most of the to this there is the gain in space in the fireheavy hose wagons in the territory covered by house due to the elimination of the horses with the high pressure system soon are to be motor- their forage and other stores, so that two driven, to the suburban town where a chempieces of apparatus, if desired, can be kept in ical engine or a combination fire engine and less space than was formerly required for one, hose wagon can be sent over country roads at while the quarters of the firemen are much villages are now able to install really effective Displacing the horse, with a surprising sav-fire apparatus capable of affording a large ing in the cost of maintenance, automobile measure of much-needed protection to the apparatus is now working many innovations surrounding country, where previously the in modern fire department practice, for at the expense of keeping the necessary men and same expense vastly increased protection is horses for a limited field of operation would possible, and more units and men can be con- have been prohibitive. So universal is the centrated at the scene of fire in much shorter tendency to acquire self-propelled apparatus time than previously, making it often possi- that some consideration of the leading types

In the equipment of a fire department the water towers hitherto have been limited the hauling capacity of three horses under



THE PIONEER MOTOR HOSE WAGON OF THE NEW YORK FIRE DEPARTMENT

(This wagon is the prototype of five others now building for use in the high pressure district. It carries forty-five lengths of heavy hose, and its annual cost of maintenance is little more than the shoeing of one of the three horses used with a first size horse drawn wagon. The motor wagon has greater speed and carrying capacity)

for many years.

motors with commercial vehicles for heavy or until gasoline engines are altogether used. loads and for speed early suggested their availability for fire apparatus. Simply to provide tractive power for an ordinary steam fire engine or hook and ladder truck, an auto-

ordinary conditions of pavement or road. To recently for a second-size fire engine of the draw such a machine trained horses are used New York Fire Department consists of a in the larger cities, and in towns of smaller three-cylinder gasoline engine of the valveless size teams are temporarily hired from a near-type of ninety horsepower, with a chain by livery stable or otherwise secured. Under drive. This arrangement is to be installed, such conditions the range of operation of the provided it meets the conditions of the confire engines even in good weather is limited, tract, together with a motor hose wagon of as to both distance and speed, and with snow the type described below, so that the New or ice it is seriously restricted. Steam-pro- York officials can make a thorough trial under pelled fire engines have been used, and are city conditions in a busy district of a comstill employed in a few fire departments, but plete motor company. The success of this their success never has been pronounced and experiment is awaited with general interest, in New York City they have been abandoned as if it is found practical the plan is likely to meet with universal adoption in fire depart-With modern gasoline engines, however, it is ments during the transition stage to a high quite different, and the successful use of these pressure basis with a central pumping station

MOTOR HOSE WAGONS

But where the steam fire engine has been mobile chassis with engine of considerable practically supplanted by a high-pressure power can be used in place of the front wheels service with independent mains and hydrants and horses with but little change in the re- for fire use, the motor wagon for carrying the mainder of the machine, just as is done with heavy hose has been proved especially useful some heavy coal trucks. This in no way in- and far more economical and efficient than terferes with the existing system or practice the horse-drawn tender. For almost two but merely gives an efficient and economical years such a motor-driven hose tender has substitute for the horses, with a gain in power been in constant use by one of the most and speed. Such an arrangement constructed active companies of the New York Fire

Department. It carries forty-five 50-foot quently in four or five years the motor wagon the high pressure, amounting in weight with virtually pays for itself. the other accessories and firemen to about 6000 pounds. Used under all conditions of New York Fire Department is considered, due

for the older type of tender.

fact the motor wagon is capable of forty miles ment is prepared to go, and among other an hour, a rate as unnecessary as undesirable machines specifications have been prepared in crowded city streets, and once a fireman is for a motor-driven truck for an aerial ladder trained as a chauffeur the driving is much seventy-five feet in length. These call for a easier and safer. The wagon carries all the combination gasoline-electric drive where a essential tools and adjuncts, and mounts be- gasoline engine runs a generator which suphind the driver's seat a special turret nozzle plies current to an electric motor at each to which several hose lines from the hydrant wheel of the truck. The control is at the may be "siamesed," in case a powerful steering wheel and with a foot throttle. stream of water is to be delivered. In proof of the complete success of this piece of New York Fire Department two 11/2 ton apparatus it may be stated that five sim- motor supply trucks for ordinary service, ilar motor wagons are being constructed but available for the rapid transport of fuel York City.

The initial cost of the motor tender is about can be sent for as needed. \$6700, as compared with \$2000 for the regular large-size hose cart and three horses, but the MOTOR APPARATUS FOR THE SUBURBS AND care and feeding of the latter amount to at least \$600 per year. As the average effective life of a fire horse in active service is but five years, \$200 must be charged off annually siderable size and power as used by a large for depreciation of the team. This is prac- fire department where the adoption of innotically nothing in the case of the automobile vations is apt to be slow. In the suburbs and so limited is its actual mileage. Conse- smaller cities motor fire apparatus is now ex-

lengths of the extra-strong hose required for in addition to giving more efficient service

When the conservative tendency of the

weather and pavement and ready for instant naturally to its heavy responsibilities and the service, never once has this machine failed, enormous values it must protect, and particuand the annual expense for gasoline, lubricat- larly in view of the present economical and ing oil, and repairs is little more than that efficient administration of its affairs, this defor shoeing one of the three horses required cision to adopt so many motor vehicles for the high-pressure service is most significant. The speed is greater than with horses, in Even further than this the New York depart-

There are also under construction for the for use in the high-pressure district of New for the engines at any large fire. This coal is kept in barrels ready to be loaded and

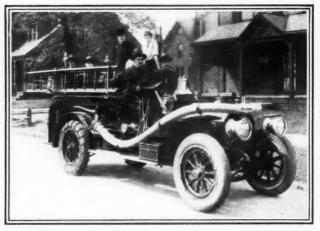
SMALLER CITIES

The apparatus just described is all of con-



A MOTOR-DRAWN AFRIAL LADDER TRUCK

(The Seagrave extension ladder here illustrated has been used successfully by the Vancouver, B. C. Fire Department. A motor chassis takes the place of the front wheels and horses)



COMBINED MOTOR FIRE ENGINE AND HOSE WAGON (The Webb engine shown combines a high-speed automobile and a pumping capacity equal to that of a third-class steamer)

tensively employed and is recognized practice combination engines are finding their way for many conditions of service. Most im- into the fire departments of large cities, parportant of these machines is the combination ticularly for residential sections, as they can engine which has been developed within the respond promptly to alarms scattered over past five years and consists of a powerful considerable territory. In city service where automobile capable of high speed and of these engines are used the approved practice carrying sufficient hose of ordinary size to- is to rush them out on the first alarm and to gether with a rotary or reciprocating pump follow with a steam fire engine or hold one or which can be connected with the engine when more such engines in reserve for a second alarm. the latter is uncoupled from the driving gear. It can hardly be said that for all purposes New York City contract requirements deso far as pumping capacity is concerned the mand for such an engine a speed of thirty gasoline combination engine to-day is the miles an hour with a load of 4500 pounds and equivalent of the steam fire engine of the same a pumping capacity of 700 gallons per minute rated capacity, but by its speed it puts the against a pressure of 120 pounds, or 420 gal-firemen in a position to deal with a fire in its lons per minute against a pressure of 200 incipiency and at the same time to protect a pounds. The New York Fire Department much wider field. Except for the built-up contemplates the purchase of such engines portions of the larger cities, it is the general for suburban use, and there are several ma-opinion of firemen that these combination chines now on the market and in use the man-engines can be fully recommended, especially ufacturers of which confidently believe can as improvements are being made in the pumpmeet these requirements. Such a machine ing machinery so that this soon will be as in pumping capacity is equivalent to a efficient as the driving mechanism. third-size steam fire engine but carries on it six firemen and hose and can be used piece of automobile fire apparatus to be connot only in connection with a city water sidered is the motor vehicle carrying one or service, but in the country can draw water two chemical tanks and a supply of small hose from a well or pond.

ADVANTAGES OF SPEED

nance is high speed-not the racing speed that of the flames, can be avoided. Many has led to several serious accidents, but a use-the steam engine following, the scaling ladful and regular speed of twenty or thirty ders, nets, and tools in addition to the chem-

miles an hour that can be maintained for five or six miles and over reasonable grades. Such a machine often can reach a scene of fire in outlying districts sufficiently early to be of service.

After the initial outlay (now about \$7500 for the best of these machines as compared with about \$5000 for a third-size steam fire engine) the expense of maintenance is practically nothing, and a small house is able to accommodate one or even two of these engines. The chauffeur is the engineer and in a town where there is a volunteer fire department he may be the only paid employee. These

After the combination engine the next for extinguishing fires with carbonic acid gas generated by chemical action. These chemical engines are very useful in dealing with a fire at an early stage, particularly in dwell-Most important after economy of mainte- ings, as the water damage, often greater than which without adequate reason has been types are built and are in active use, from demanded by certain fire departments and those which carry also the regulation hose for

ical equipment, to those where the chief object is to bring a number of firemen to the ground at the earliest moment, it being argued that a few trained firemen with axes and hooks reinforced with chemical hose, arriving in season, are often quite as useful as more powerful apparatus. While for the majority of alarms a chemical engine suffices, yet there is considerable difference of opinion as to their value and of course they can accomplish little or nothing in any serious situation.

FLYING SQUADRONS

An interesting development made possible by the automobile is the emergency or auxiliary squad formed of firemen stationed at a central station but despatched at high speed to any district on receipt of an alarm anticipating or reinforcing the regular companies due. This plan originated in Holyoke, Mass., where a wagon drawn by horses was used for a flying squad, and now with satisfactory motor vehicles has been adopted in a number of cities where reasons of economy restrict the number of regular firemen. For all purposes but the largest fires or a conflagration this scheme has been found to work admirably, though of course it tends to reduce the total number of men to a dangerously low point in view of some great emergency.

Somewhat similar to such squads are the fire patrol or salvage corps maintained by the insurance companies, which respond with men and tarpaulin covers to save property and reduce the water damage. For this work release an extra man to enter the building.

at racing speed through large cities are famil- be confined to the building where it originates. iar metropolitan sights.

LOW MAINTENANCE CHARGES

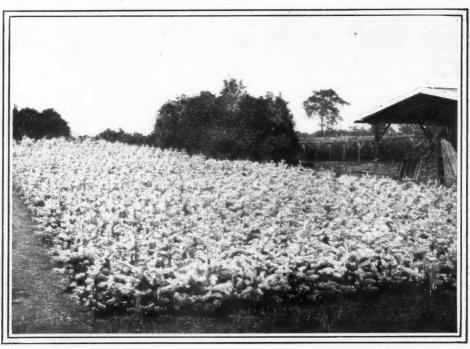
seriously.1 Particularly is this the case in of the expense.

A COMBINATION MOTOR FIRE ENGINE AT WORK (Test of a Robinson Motor Fire Engine at University City, Mo.)

the same considerations of speed and economy many of the suburbs where costly villas and have led to the use of motor wagons which cottages, country clubs, hotels, or other valhave an increased carrying capacity for uable buildings of highly inflammable charcovers, and, with no horses to be watched, acter are to be found. Once a fire starts these are practically at the mercy of the flames, but The use of automobiles by fire chiefs brings prompt assistance can be rendered by automoto the scene of fire at an early stage the most bile companies, even from some distance, and experienced and skilled officers and their trips the fire, if not extinguished at once, often can

With the successful and extended use of the automobile and the application of the gasoline engine to so many purposes, it is not strange that in the few years automobile fire appara-While motor apparatus involves a greater tus have been in use it should have gained initial expense, yet all things considered this so important a place. That this use is bound is not the most serious item in connection to develop seems assured, as not only is inwith a fire department. The maintenance of creased and better fire protection afforded to horses and men is a large outlay and often many localities, but to others it enables some prevents many small cities and towns from protection to be given where previously installing fire apparatus which they need most nothing of the kind was possible on account

One firm of fire apparatus manufacturers for \$45,000 times the area covered by horse apparatus with greater will install four combination engine and hose wagons, two efficiency at an annual saving of \$16,500 over the maintechemical engines, and a chief's car which will cover four nane cost of the latter.



KOSTER BLUE SPRUCE, AS GROWN IN THE NURSERIES AT BOSKOOP, HOLLAND (This stock is developed from our own Colorado blue spruce. See picture on opposite page)

FOREIGN-BORN AMERICAN TREES

How Our Own Native Trees Are Propagated for Us in Europe

BY MABEL SMITH

try have been imported from Europe.

catalpa and white pine, but these are mainly mon laborers. for reforestation. As a matter of fact, most Another advantage the foreign nurseries

rapid growth. The difference in the cost of deciduous trees. labor in this country and Europe, moreover, But, while the European nurseries have the makes it cheaper to import young trees. advantage of us in growing small trees, condi-

T is not generally realized that a large per-Planting, transplanting, budding, grafting, centage of the trees planted in this coun- and weeding require a great deal of manual work. In Holland they hire boys to do the There are nurseries in this country which weeding for sixteen cents a day, while their grow a few native seedlings, like the western most experienced men get less than our com-

of our shade trees and evergreens and all of have is the length of their transplanting seathe grafted and budded varieties come from son. In France and Holland there is seldom Europe. Even our native trees, such as the more than six weeks in the winter when the American red oak and the Colorado blue ground is frozen too hard to dig trees. spruce, are propagated abroad. The propa-Planting is begun in the fall and continued gation of young trees is a form of intensive with only this slight interruption until May. farming which has been developed to its This gives the planters six months to send out highest state in France, Holland and England. orders and to do their transplanting. In this Owing to the milder climate in Europe and country we have only four—two months in more frequent rainfall, the cuttings and seed- the spring, one month late in the summer for lings root there more quickly and make a evergreens, and one month in the fall for

tions in this country are more favorable for If these canals are a relief to the onlooker developing large specimens. Small trees re- by softening the brilliant coloring, they are quire a great deal of labor, but are grown more in the nature of a blessing to the nurseryclose together and do not need much ground. men. The greenish-brown stuff on them is Large trees, on the other hand, do not require not scum, but a form of vegetation which as much attention, but they must have when dried makes a wonderful fertilizer. As plenty of room to develop. Labor is cheap in every nurseryman has as much canal as he Europe; good land is expensive. The largest has land, he can keep his soil enriched at no trees in the Old World nurseries are not over expense. eight years old. In this country they require several years of cultivation before they are the small area around Boskoop is the peculiar sufficiently developed to be planted out formation of the ground. At one time it permanently.

solid masses of blue spruce, golden evergreens, Boskoop it merely checks their growth. red and purple Japanese maples and rhodowere not for the little greenish-brown canals brilliant electric blue. which run through the nurseries in every con-

The reason for the unusual development of was all under water and the present soil is Last summer I began my visits to the Euro- composed of rotted water plants and other pean nurseries at Boskoop, Holland about vegetation. Evergreens and rhododendrons midway between The Hague and Utrecht. make a wonderful growth in this soil. It is We motored there from the capital, as there very heavy and clings to the roots. The is no railroad and the trip by canalboat, Boskoop nurserymen can transplant their though undoubtedly interesting, is slow. We evergreens in the middle of the summer, and were fortunate in having a sunny day, for if they find that their rhododendrons are mak-Boskoop in the sunlight is dazzling. Think ing too rank a growth they can put a spade of a town of 1250 acres that contains six hun- under them and lift them up. In ordinary dred nurseries! As far as one can see are soil this would kill the rhododendrons, but at

Although the nurseries are so small they dendrons of every shade from white to dark are exceedingly prosperous, as they raise only purple. The Boskoop nurserymen are so valuable trees. Their specialty is Koster fond of color that they even extend it to their blue spruce, which is the most expensive houses, which are painted pink, blue and yel-evergreen grown. It is a grafted form of our low to match the trees. The coloring would Colorado blue spruce and has been developed be almost more than one could stand if it in Boskoop from its natural silvery color to a

As all the Boskoop nurseries grow practiceivable direction and relieve the landscape, cally the same stock, they have, to avoid too



THE BLUE SPRUCE TRANSPLANTED TO AMERICA

(The trees are larger than any produced in Holland)

much competition, divided their trade. Cercan" nurseries grow only trees hardy in our or twelve feet high. climate and one is spared the sorrow of adhardy in the States.'

largest specimens that existed!

It is entirely given over to the nursery busi- of little trees by the beauty of their main ness. Every one not employed in the nurser- path. This is permanently planted with

make the packing-boxes, tubs, and labels. The town boasts of three horticultural societies, and a Royal Botanical School where embryo nurserymen from all over the world go to study.

One must go to Boskoop for fancy evergreens, but to Oudenbosch for deciduous trees. About fifty years ago the Looyman Nurseries, at Oudenbosch, furnished the trees for the Bois de la Cambre, Brussels. These trees have grown to be the finest specimens in any park in Europe. Since then the Oudenbosch nurseries have specialized in growing trees for park and avenue planting. They have developed a great many new varieties, such as the red horse-chestnut with flame-colored flowers instead of the former pale pink, and a wonderful grafted form of our American scarlet oak.

The Oudenbosch trees seem large compared tain nurseries sell only to America, others to with those in the French nurseries. You buy Germany, others to England, and so on. One them by the height or diameter instead of by advantage of this method is that the "Ameriage, but the largest are not more than ten

France supplies nearly all the very young miring a variety only to be told that "it is not trees, not only for America, but for all Europe. The principal nurseries are at Orleans. The There is not a weed in all the nurseries, soil there is very sandy and is expecially This is not due so much, in my opinion, to the suited to propagating. The nurseries all grow Dutch habits of cleanliness as to the fact that the same stock, seedlings, cuttings and grafts there is no room for weeds to grow. The of every variety of evergreen, deciduous tree trees are planted as closely together as and shrub. Of the millions of trees grown possible even up to the nurseryman's very there, not one is more than four years old.

The Orleans nurseries are all very much The nurseries all have propagating houses alike in appearance and are characteristically where thousands of young grafts are ready to French in their combination of economy and be planted out as soon as everything is grafted; beauty. The ten or fifteen acres belonging there is no room for common seedlings. Any- to each nursery, instead of being divided into thing is sold to make room. They cannot blocks for the different varieties of trees, as afford to keep anything in these nurseries is usually done, are planted in a solid mass more than two or three years, as they must with one path leading through the middle. have the ground to plant again. At one Many blocks would require many paths, and nursery I was shown evergreens two and one-thousands of seedlings can be grown in the half feet high as though they were quite the space occupied by even the narrowest path. But they atone for the inconvenience of The village of Boskoop is very interesting, having to walk sideways between the rows ies works in one of the factories where they large specimens of their most beautiful ever-



LONDON PLANES IN AMERICA (This shade tree is used almost entirely in the cities of England. It will thrive when planted in pavement)







MISS MABEL SMITH

THE MISSES SMITH AMONG THEIR TREES AT AMAWALK, NEW YORK

greens,—green, gold, and blue,—and pillars scribed one variety as "a graciously weeping of climbing roses. Where wind-breaks are tree, with flowers of a violaceous rose.' needed they are formed by beautiful evergreen hedges.

twenty or thirty miles away where land is like those used for ripening melons. and a few other deciduous trees, but they do nearby river Loire. not transplant their trees often enough and do as those in the English nurseries.

England, and at the end of that time had at night. translated the firm's catalogue, of more than 200 pages, into English. No wonder he de- Orleans nurseries, When I said I wished to

They have no propagating houses at Orleans as they have at Boskoop. Their cut-Most of the Orleans nurseries have branches tings and grafts are grown under glass bells cheap, and there they grow their larger deciduare about a dozen little trees under each bell, ous trees, from three to six years old. They are and solid acres of bells. Their cuttings are very successful in growing the American oaks rooted under sand which they cart from the

The general effect of the nurseries is that not bestow the care upon them that is given of millions of little trees, all so very small as in Holland. Nor are their evergreens as fine to be hardly distinguishable. They have an elaborate system of tagging and labeling, I wrote from Paris to the principal nurseries without which I am sure the nurserymen of Orleans, France, that I would arrive on a themselves could not tell one variety from certain date. When I reached the station another. Their packing houses are arranged there was a smiling person waiting, who in- with a separate compartment for each variety, formed me that he was the English-speaking and the trees ordered are dug during the member of the firm. It appears that he is fall and winter and put into the proper comalways sent when an English or an American partments. Late in the winter the planters visitor goes to the nurseries. He proudly in- begin their packing, and, as this is their formed me that he had spent four months in busiest season, such work is usually done

They are nothing if not courteous at the



MOVING LARGE ELMS FOR THE BUFFALO PARKS

see their large trees, which were twenty miles away, they sent for an automobile, which took us, accompanied by "the English-speaking man," the twenty miles in three-quarters of an hour. It was a beautiful ride. The country is absolutely level and the road has not a curve in its entire length.

The principal English nurseries are in Surrey, about twenty miles from London. Their finest trees are evergreens, although many of the most beautiful of these are not hardy in our climate. One must be careful not to call them

"evergreens" in England. They are "conifers," which, strictly speaking, means cone-bearers. When an Englishman speaks of evergreens, he means either rhododendrons or holly.

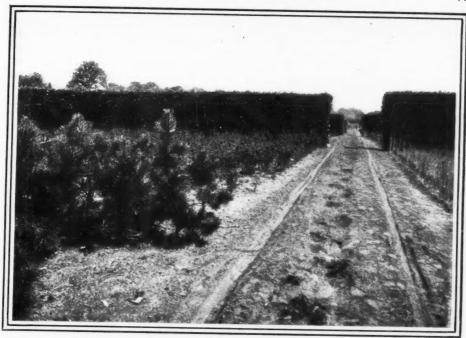
There is no use in going to the English nurseries unless you are prepared to do a great deal of walking. The first nursery I visited was very beautiful around the office, but it looked disappointingly small. There were some beautiful large specimen trees and a few blocks of evergreens, nothing more, and I was told that this was only one of a series of branch nurseries spread over the surrounding hills.

I asked to see an evergreen, the Douglas spruce. "Oh, they're about half a mile up that lane," and up we trudged. When I asked for pines, "They are on the other side of that hill to the west, about a mile and a half," and so on.

You could drive by many of these nurseries without noticing them, for they are surrounded by



THIS TREE WAS BROUGHT FROM ENGLAND FOUR YEARS AGO (It was one of 700 packed in a case 12 feet long, 5 feet high, and 4 feet wide)



BEECH HEDGES, IN AN ENGLISH NURSERY, USED AS WIND-BREAKS



A FIELD OF RHODODENDRONS IN AN ENGLISH NURSERY



ROOTS OF A TREE THAT WAS TRANSPLANTED FROM ENGLAND

beautiful holly and beech hedges eight to ten feet high.

Although the principal stock in the English nurseries is evergreens, they are very successful in growing certain deciduous trees, especially the hard-wood varieties like the oaks and beeches. These make a very rank growth in England. At one nursery they were unwilling to sell a block of thrifty young oaks because, as they said, they could make more money selling the foliage in London. Every year they cut all the branches back severely and the trees, undaunted, grow new ones. Such treatment to a young oak in this country would quickly kill it.

The English nurseries are wonderful to visit, but of little practical value to us, as their finest stock is not hardy in this country. To a real lover of trees it is the keenest disappointment that their wonderful cedars and Spanish chestnuts cannot stand our climate.

The Dutch are seriously injuring the English nursery trade in deciduous trees. Labor is cheaper in Holland and there is no duty on trees entering England, consequently the Dutch nurseries are selling their trees in England for less than the English nurseries can afford to grow them. They are trying



NURSERY PACKING SHEDS AT BOSKOOP, HOLLAND

wrapped in straw and burlap. The latter others.

are apt to mildew slightly.

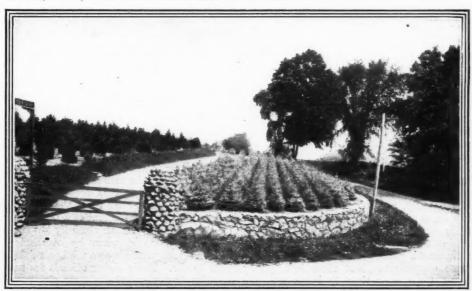
June before we had time to plant them. The duty on trees into this country is 25 Not one of them died.

disease, which, while not serious in its own the trees.

to introduce a tariff on trees in England. In locality, where it is kept in check by its the meanwhile, the word "Dutch" to an natural enemies, would prove very danger-English nurseryman is like a red rag to a bull. ous if brought to another country. France All the European nurseries pack the trees has the brown-tail moth. England has a they send to this country with scrupulous disease which affects the beech, and there is a care. As a general rule they arrive in splen- borer in the Austrian pine. Up to the presdid shape. Those which are packed in ent Holland has had no serious disease or wooden boxes, when they are allowed venti- pest, but trees from that country are subject lation, arrive in better condition than those to the same scrutiny as those from the

To prevent these foreign pests from getting When a tree is dormant it will stand a great a foothold in this country, the American deal of handling. The trees are dug in the inspection regulations are very strict. The European nurseries early in the winter. importer must notify his State Department They are kept in the packing houses until of Agriculture upon the arrival of every February, when they are packed and sent shipment. The department then sends an to the steamers. Early in March they arrive inspector, in whose presence the boxes are in New York. A week or two later they are opened. If anything wrong is found the trees at the nursery. There they are "heeled in" are burned. Sometimes entire consignments until the ground has thawed so that they have been destroyed. Formerly the trees can be planted. But with all this handling were unpacked when they arrived, and were very few of them die. One spring we received merely kept apart until they had been a lot of Norway maples when we were un-inspected. But it was discovered that someusually busy. They were "heeled in" when times caterpillar eggs were in the straw and they arrived, that is, laid on the ground and leaves used for packing, so that now the trees earth thrown over their roots, and it was cannot be unpacked until the inspector arrives.

per cent. Packing charges, ocean freight, Every country has some plant pest or and duty about double the original cost of



A BLOCK OF KOSTER BLUE SPRUCE EFFECTIVELY PLANTED

EFFICIENCY, FREIGHT RATES, AND TARIFF REVISION

BY BENJAMIN BAKER

freight rates before the Interstate Com- declare what the shippers did not try to do. merce Commission to the revision of the proto believe "there is a good deal in it."

CONSERVATION OF LABOR

In fact, the hearings at Washington made the opening of a great campaign, the first campaign of real "conservation" ever launched in this country. We have cried long-headed man can bide his time.

TRAFFIC EFFICIENCY NOT ATTACKED

T may seem a far cry from a hearing on tasks of the accurate chronicler of events is to

They did not try to "teach railroading to tective tariff; yet nothing less than the lat- the railroad experts." Railroading is not ter affair is ultimately involved in the one thing, but many things. In only one "efficiency" testimony presented at Wash- department, the traffic department,—that ington during the three days preceding concerned with the movement of trains,— Thanksgiving. Then for the first time the is the railroad business essentially different public mind of the United States was focused from any private enterprise that runs maupon some details of the new science best chine shops, builds roads and bridges and called "scientific management." What was buildings, buys materials, and employs then said by the witnesses for the shippers labor. In the traffic department alone are has been the subject of much comment in the railroad officials generally entitled to call the press, pro and con. The railroad presi-themselves "experts." And in regard to the dents have delivered their expected broad-traffic department the efficiency engineers sides at meddlers in general, and that Don do not greatly criticise the railroads. On Quixote of a counsel for the seaboard ship- this point Harrington Emerson, the one of pers, Louis D. Brandeis, in particular. The Mr. Brandeis' witnesses who had had the public is in part skeptical, in part disposed widest experience with railroad work and conditions, said: "The efficiency of the traffic, by my standards, is very high; that is, the efficiency of expense in the traffic department."

THE MECHANICAL ENGINEER'S TASK

In all the parts of the railroad business aloud at the waste of our natural resources, outside of the traffic department, exceedfailing to see that of time and labor effort, ingly few of the higher railroad officials are the most strictly limited of our treasures, we entitled to be called experts. Their occa-have learned to conserve but little. We sional utter failure as accountants is certified have rebelled at the high cost of living, but by such things as the coal graft on the Pennhave had no sounder resource than to blame sylvania, and the recent car-repair scandals therefor everything in sight and out of sight. on the Illinois Central; more humorously, We have raged at monopoly, but have by the case of the railroad vice-president neither penetrated the secret of the efficiency named in Mr. Emerson's testimony, who of monopoly, nor the means of controlling declared at a meeting of the Railroad Club it. Faith has been likened to a mustard- in Pittsburg, that an annual cost of \$37 for seed; and the cynic, especially of the rail- freight-car repairs was an absurdly low estiroad sort, if he even thinks the matter worth mate, -only to find when he overhauled a moment's passing attention, may jeer at his own figures that his own road was doing these expressions. But there is a saying it for \$31.01. These higher officials are not about the proper time to laugh and the prevailingly mechanical engineers, civil engineers or fuel experts. And, had they the professional training of such men, they have not had the time, and rarely the inclination to master the mass of detail that is necessary So much has been ill said about the mean- to the mechanical engineer who undertakes to ing of the shippers' case that one of the first make a specialty of scientific management.

Tasks in the engineering and mechanical ing, so well given in Mr. Gilbreth's testimony. the scientific use of labor and of time.

IMPROVEMENTS IN SHOP MANAGEMENT

that in machine shops, in textile mills, in eighteen. printing shops, in bricklaying, and in the handling of unskilled labor the scientific some of the Men who gave testimony study of what motions were necessary, and

the manufacturers. public which they now demand.

A CASE OF SCIENTIFIC MANAGEMENT

fields the officials must of necessity hand Ordinarily a brick-mason makes eighteen over to lower officials, who have had little different sets of motions in laying a single or no more training than their superiors in brick. He bends over, in the first place, to the possibilities of scientific management in pick up one brick, and in lifting it he lifts ten their special provinces. Still lower, foremen pounds of brick and about 100 pounds of and workmen are absolutely untrained in brick-mason—the upper part of his own body. In laying 1000 bricks, in a day's work, he lifts 100,000 pounds of brick-mason. This was an obvious waste of labor. So a common laborer was hired to put the bricks where the The criticism of the shippers was there- masons would not have to stoop for them. fore directed at the conduct of the many Another thing is that when a mason picks up departments of the railroads outside of the a hand-made brick, which is always a little traffic, which are essentially the same as in thicker at one side than on the other, he all private manufacturing and constructing tosses the brick up, turning it over until his They asserted that the rail- touch tells him which side is the top, before roads, in their capacity of manufacturers he puts it in place in the wall. The cure for and construction engineers showed the same this was to have all the bricks piled top up inefficiency that characterizes American in- before they were brought to the masons. dustry as a whole,—the same failure to get Then, further, everyone has seen the mason a reasonably high return from outlay on tap his brick several times to settle it into the labor and materials that is the chief cause mortar. More waste of time. The cure was of the high cost of living, and of the rising to make the mortar thinner, so that the cost of transportation. In order to make weight of the brick would settle it into the their criticism complete they called wit- right position. This was scientific managenesses who told what they had seen accom- ment-"motion study." It raised the day's plished by scientific management in a va- work for the average brick-mason from 1000 riety of trades and unskilled occupations up to 2700 bricks a day, and in individual which covered every activity of the rail- cases to much higher figures. The mason roads outside of the traffic. They showed made only six motions where he used to make

what time these motions should consume, - So much concerning the details by which what organization and planning of work be-efficiency has been increased in various inorehand was required to make this detailed dustries has already been printed in the fruitful,—they showed that all these daily press that there is no need to repeat gathered into a scientific system of those details further, fascinating and inspiring ment adapted to the particular in- as they are to the alert mind. But a word is dust ,, had largely reduced the cost of pro- needed in regard to the witnesses who testiduction, while at the same time increasing fied, and equally in regard to some men who the wages of the workers and the profits of could have given most important evidence The shippers argued but did not. Those who did testify conthat since these things had been done in cerning the effect of scientific management private shops they could be done equally in improving the condition of their own well in railroad shops; that they would re- enterprises included James Mapes Dodge, duce the necessary outlay of the railroads of the Link-Belt Company of Philadelphia, just as they had done that of private owners. Chicago, and Indianapolis; and Henry R. And, finally, that with scientific manage- Towne, president of the famous Yale & ment of their departments the railroads Towne works at Stamford, Conn. Both would not need the added tribute from the these men are past presidents of the American Society of Mechanical Engineers, and are of the highest standing, both as professional men and as manufacturers. It was in the Link-Belt shops in Philadelphia that What scientific management means is ad-"high-speed steel" for machine tools,—one mirably illustrated by the story of bricklay- of the most important of modern advances

of Philadelphia, a machine shop operated reach of every member. under the Taylor system; Mr. Scheel, head of the planning department of the Brighton Mills at Passaic, N. J., where Henry L. Gantt has accomplished most remarkable and Frank B. Gilbreth, the contractor, who the disastrous strike of 1903-04.

LABOR UNIONS DO NOT OPPOSE

wage of his locality. Then, in addition, money they spend the returns which scienscientific management shows him how to tific management secures in private underearn a bonus in addition to that daily wage takings. If railroad expenditure is inefficient by performing his work more efficiently. by these practicable standards, the shippers He does not work more hours, but the effort contend that the rate increases should be he makes is all work, is really productive. refused until the efficiency of railroad ex-It is a safe prediction that were scientific penditures has been brought up to par. management generally introduced into our industries, the efforts of the unions would be restricted to maintaining the minimum wage. In a New York press room, under a strong union, the pressmen get their regular lesson,—a lesson that will be bitterly re-\$24 a week, and some of them earn bonuses sisted, but will ultimately be learned. At amounting to as much as \$7 a week. It present the country is awaiting the first

in machine work—was first developed into should be remembered that the unions are practical usefulness. The other witnesses held together by the interest of the members. from the shops themselves included vice- No anion could long stand the strain of oppresident Hathaway, of the Tabor Company, posing a maximum wage that is within the

WHAT THE SHIPPERS DEMAND

Now, in the words of the catechism, results with foreign operatives of all sources; "What should we learn from these things?" As for the immediate affair of the railroads has revolutionized the practice of brick- and their freight rates, that is an issue of laying. Of the professional efficiency engi- government regulation. Most persons agree neers there were two; Henry L. Gantt and on the necessity of some regulation. The Harrington Emerson. Mr. Emerson was the immediate point is, "How." In private only one who has been long associated with business, when a manufacturer finds his He introduced scientific profits disappearing because of the activities management into the Topeka shops of the of his competitors, he must cut down his Santa Fé, and there his methods effected a costs or go out of business. In the railroad saving of five million dollars in three years, world, when profits grow too small, the besides putting an end to chronic and critical roads ask the government for permission to labor troubles which had come to a head in take more money from the public. This is easier than putting into effect the scientific management which is the salvation of the private manufacturer. The roads have only to assert that they have made every possible One hasty and misleading attack on scien-economy, and thereafter stand pat. What tific management that should be "nailed" does the interest and welfare of the public is the assertion that organized labor stands require? Plainly the railroads must have an in the way. In the actual experience of adequate net income; there is not much those who testified at the hearings in Wash- doubt that on the whole their net income is ington this has not been the case. Mr. Gil- now rather low. The public interest requires breth, who has done construction work under that the railroads should be prosperous, the scientific system in such a labor strong- since they cannot otherwise give the service hold as San Francisco, said that he dealt by the public demands. It also requires that preference with unions and union men. The the rates charged by the railroads should unions were at first inclined to be suspicious, not be increased if better management of but as soon as they understood the plan the railroads can make the present income there was no opposition. The reason is serve all necessary purposes. It is on this The primary object of the labor point that the shippers have presented to union is to get work for all its members, the Interstate Commerce Commission the and to secure for them a minimum daily tangible results of scientific management, wage. It is the practical essence of scien- and have asked the Commission to detertific management that it offers to every mine by their own independent inquiry worker, as a minimum, the prevailing day whether the railroads are getting for the

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THE BEARING ON TARIFF REVISION

Tariff revision is the subject of the next

The announced plan is that the Tariff Com- shall be avoided by the manufacturers and mission shall discover the cost of production the railroads through scientific management of various articles in this country and abroad, of their undertakings; or whether the cost and that on this basis of cost figures, import of this waste and inefficiency shall be loaded duties shall be so adjusted as to "equalize upon the public. It is for the public to say costs" to the American producer and to whether the basis of tariff revision shall be assure him in addition to this equalizing of efficiency costs, or inefficiency costs. cost a "reasonable profit." Now, in view of the scientific management testimony at Washington, it is interesting to consider what the Tariff Commission ought to accept as Another matter of consequence upon the cost, say, of a piece of gray goods. One which the results of scientific management manufacturer will give a certain figure; has thrown a welcome light is the future of then, perchance, another manufacturer who the small, independent manufacturer; and has introduced scientific management into on this point a few words from Mr. Emerhis mill will give a figure 20 to 30 per cent. son's testimony are worth quoting. "Presilower. This percentage of reduction in the dents of large manufacturing concerns have cost of product has been obtained in Amer- told me," he said, "that they have been ican cotton mills with a mere beginning finding it absolutely impossible in some lines upon scientific management.

tariff on imports, a protection or subsidy ter wages. The issue appears to be simply this waste.

steps in a "scientific" revision of the tariff. whether the cost of waste and inefficiency

ADVANTAGE OF THE SMALL PLANT

to compete with the small, independent Here we are, then, in regard to the tariff manufacturer." The reason lies in a littlein exactly the same situation in which the appreciated fact, -namely the loss of effishippers find themselves with regard to the ciency, and hence the increase in cost of increase in freight rates. The cotton manu- production, that attends complication befacturer has said,—and this is history that yound a certain point. If in the great factory might be duplicated in hundreds of cases,— each of ten operations in the production of "I know that those looms are not efficient, a certain article is done with 95 per cent. but what's the use of my replacing them efficiency, the final efficiency of that factory with better machines. If I put in new and is less than that of the smaller factory where better looms my competitors will do the the same article is turned out with fewer same thing, and I shall be no better off with separate steps, even through the separate regard to them." This, it should be re- steps in the smaller factory are of slightly peated, is the statement actually made by lower efficiency. Something less than ideal, a large cotton manufacturer, and it shows 100 per cent. efficiency must be accepted in pretty accurately where the great purchas- this world. So long as each dependent ing public comes in. If this man and his operation is 100 per cent. of the preceding competitors had put in more efficient looms operation, all goes well. But when successive they could have lowered the cost of their operations mean taking 95 per cent. of 95 product, and the price of it to the public, per cent. and so on, the simplicity of the though their own profits might have been small plant will always give it certain imno larger. The question therefore arises, portant advantages over the very large Will the public continue, in the shape of a plant. But the small plant must be efficient.

It would be outside the scope of this artiwhich can be shown to serve American cle to attempt any detailed discussion of the manufacturers, whether of cotton goods or paramount issue of the cost of living, from any other product, as an excuse for con- which freight rates and tariff imposts get tinuing in their factories policies and methods their only real importance. But it is worth which are inefficient, and which in the end while to ask the reader's attention to the impose upon the public a higher price for fact that of all possible causes of high prices articles of daily use than it is really necessary waste is the most potent; that scientific for the public to pay? Essentially, there is management has disclosed wastes reaching no difference in principle between this side an enormous aggregate, even now little realof the tariff and the railroad rate proposition. ized: and, finally, that scientific manage-The interests of labor are not at stake, for ment has presented the only workable means scientific management invariably means bet- yet devised for avoiding the greater part of

THE PLATINUM AND NICKEL INDUSTRIES

BY DAVID T. DAY

(United States Geological Survey)

resultant fluctuations in price.

doubled in a year.

cobalt were mined for cobalt in Connecticut trade needs not a trust but a merchant. before the Revolution—even before nickel had been isolated as a metal.

The plea succeeded. Wharton closed the one's hand. only considerable nickel mine in the United States and submissively changed his activity and benefits by convict labor and the defrom mining and smelting nickel ores to mak- veloped skill of many years. Lately, Amering government nickel steel at his Bethleham ican gold dredges help to eke out a supply Iron Works. His reign passed to the Inter- from the rapidly decreasing stores there. national Nickel Company, which controls the Colombia, South America, comes next, but

MARKET reports record regularly the nickel supply of the world, and, lacking "positions" of various commodities. Wharton's shrewd knowledge of trade prin-This word means, to the trade, the change ciples has tried to force a great supply upon a in the amount needed by the world and the market that does not exist. Wharton had alability of the supply to meet it, and the ready exhausted the expedient of reducing the price, and the trust resolved to expand At this moment the positions of two metals, nickel's usefulness. They pushed nickel steel platinum and nickel, are so unsatisfactory in every direction, but there has not been war that the industries are in a critical condition, enough for the armor plates. For the arts of The causes of the unsatisfactory positions are peace they reintroduced nickel in the utensils so exactly reversed in the case of the two of the kitchen. Unfortunately, the tariff metals as to be of general interest. Both are which let in their nickel also let in cheap due to failure of so-called "trust methods" to tin, and kept out tin plates and by meet the peculiar conditions. the aggressive work of St. Louis tin plate The supply of nickel is too great, and the manufacturers tin ware was sold in the five price has dropped from the once-upon-a- and ten cent stores, which competed with time rate of \$4 a pound to less than half a nickel at fifty times the price. Then the dollar. The market for platinum is too great, Mellons put aluminum into the same field. a famine is threatened, and the price has The nickel trust, though backed with many millions in capital, and vitally interested, has For thirty years one strong personality, not so cut the price as to lead to a division of Joseph Wharton, a Quaker merchant of the utensil trade in its favor. Neither has it Philadelphia, ruled the nickel market in peace reintroduced nickel-coated wares to compete and prosperity, in spite of the fact that more with tin, though Wharton's assistant, Fleitnickel ores were known than could possibly be mann, showed the way many years ago. used. In fact, ores containing nickel and Wharton died a few years ago and the nickel

Platinum, on the contrary, is too useful for the supply. It is still indispensable in Wharton ruled partly by being a great incandescent electric bulbs, and a certain metallurgist and improving the smelting art quantity is needed for the utensils of chemical until his nickel was the purest known, but industry and for laboratories. As these are chiefly by his untiring vigilance as a merchant. increasing very rapidly, the consumption of He ruled until foreign ores of New Caledonia platinum increases, and the supply grows and of Canada pressed their demands. They less, because the deposits are few. Nickel, finally entered by beating down the tariff, on the other hand, occurs universally. It has against Wharton's vigorous protest. The been detected as far out in the universe as the Canadian nickel was largely owned by citi- sun and in meteorites. It accompanies iron zens of the United States residing in Cleve- and is detected in refined copper. Its places land, Ohio. Their plea was that the United of accumulation, as valuable ores, are many. States needed the nickel for armor plate. But one can count the platinum deposits on

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Russia ranks first in platinum production,

fisher folk at the water's edge, and behind of pepsin. this the testimony of the elk, panther, and A trust would have difficulty in monopolizing be more generally appreciated.

there the adventurous whites who have left the small, scattered deposits, which are large the waning gold fevers to risk the swamp in the aggregate. It is a "poor man's propofevers have been failures as miners. Third in sition" where the miner must know how to rank as a producer of platinum is the United deal with and save by-products. But the States, and here again platinum has taken Western people deal with the main chance. refuge in an unsettled country. The west They are nowhere educated to the doccoast of northern California, Oregon, and trine of by-products. The gold miner knows Washington has a fringe of settlements of less of platinum than the hog raiser does

Of the two industries, the outlook for platbear shows that the country is still wild and inum is better than for nickel. Never in our likely to remain so. But here is a heritage, history has a mineral want gone begging. heeded by no one, yet sufficient in all prob- The material is always supplied. In this case ability to give a good livelihood to a large the easy solution lies in the application of the population; to develop good roads and a de-beneficent paternalism with which the United mand for vegetables, grain, cattle, and espe- States Department of Agriculture has helped cially fruits, which grow well in one of the the farmer, until this feature is a recognized best and most agreeable climates in the essential part of national economy. The country. Then why not? Why does not same spirit has made itself evident in the platinum mining develop by the almost auto- creation of a Bureau of Mines. The oppormatic processes of industry? The answer is tunities for benefiting the mining fraternity simple. The platinum market is in the hands are few compared to those in agriculture, for of three or four concerns who have alternately the private mining engineer serves his clientcombined and competed for the already de- age well. But the platinum mine is too small veloped supply of Russia. Their overtures for the mining engineer, and one small mining to the simple people of the Oregon coast have experiment station on the Oregon coast will left the greater profit in the hands of the big do for platinum what agricultural experiment concerns—so the Oregonians think—and it stations have done for the culture of alfalfa, costs too much to overcome their suspicions. dates, tobacco, and hemp; and the result will

TAX REFORM IN CALIFORNIA

BY CARL C. PLEHN

(Professor of Finance, University of California, and Secretary of the State Commission on Revenues and Taxation)

AT the general State election, held on No- a code of law than a constitution, and leaves

Bryce prints extracts from this instrument keep the ship of state moving. with an apology for "being unable to find

vember 8, 1910, the people of California but little latitude for the legislator. Howadopted an amendment to the constitution of ever, despite the gloomy forecasts of the conthe State establishing a new system of taxa- servatives and of panic-stricken capitalists this folk-made constitution has not worked In his work on "The American Common- badly during its thirty years of life. But bewealth" James Bryce refers to the constitu- cause of its many prohibitions, rather than its tion of California, adopted in 1879, as "that radical grants of power, it has required a surprising instrument by which California is steady stream of new folk-made law in the now governed." In the later editions Mr. form of "constitutional amendments" to

The article on "revenue and taxation" in space for the whole document." That con- this instrument prescribed rigidly, for all destitution was "surprising" not alone on ac-count of its length, nor the radical principles property tax. In this tax was embodied a embodied in it, but also on account of the novel device intended to compel the mortfreedom with which it admitted both the gagee to pay taxes on the mortgage,-advice views and the grammar of the people to the which soon became a dead letter and has just "fundamental law" of the land. It is more been entirely repealed. The same article

authorized an income tax on "any one or were run in all the papers of the State, and no railway magnate, no "octopus" corpora- merits. tion, no labor leader, nor any one else has ever been taxed under this provision by name or the most part the direct and simple appeal:

by class or otherwise.

The State outgrew the old general property tax twenty years ago. For ten years "the people" suffered in silence. Sometimes the suffering farmers growled, but then-they also growled about the weather, with just as must effect. Slowly the dissatisfaction spread. For the past ten years the farmers in their "Grange" meetings, the county assessors in their annual conventions, and other bodies have been "whereasing" and "resolving" on tax reform with somewhat more concrete purposes in mind. In 1800 a special committee of the Senate reported that: "From Maine to Texas and from Florida to California there is but one opinion as to the workings of the present system of taxation. That is, that it is inequitable, unfair, and positively unjust."

proposed by a third legislature, and eventu- to one per cent as recommended by the com-40,000 out of a total of 160,000 votes cast. fixed at six-tenths of one per cent. But they session of the legislature was called to make amendment when the rate was low. certain minor corrections, and at that same special session certain features, to which much the same as those that are felt in all popular objection had been made, were other States which continue the general amended. It was discussed at length and in property tax as a means for raising revenue detail by all the leading papers of the State, for the support of all the different divisions of and every voter received by mail lengthy government, central and local. They are: printed arguments pro and con. Large dis- (1) the over-taxation of real estate and espeplay advertisements, mostly in opposition, cially of agricultural real estate; (2) grave in-

more" . . . "persons or corporations, innumerable posters, "stickers," and handjoint-stock associations, or companies." Yet bills called attention to its merits and de-

The farmers and real estate men used for



The forces against the amendment were, Six years ago a definite campaign for tax naturally, those corporations whose taxes will reform began, which has just been crowned be raised. For the most part they worked with success. This campaign had none of in the dark, because it is generally believed the picturesque, riotous features of the move-that the voters of California have "corporament which gave birth to the constitution, tion-phobia" and will vote against anything It was a sober, serious upheaval, an orderly, the "interests" are known to favor. But legal revolution. The army of tax reform was some of the national bankers came more or manned by the over-taxed farmers and real less into the open and through the large disestate owners, led and officered by two suc- play advertisements above mentioned adcessive Governors—George C. Pardee and vanced certain "reasons" against the amend-James N. Gillett—and by the most experiment and certain alleged statistics, both withenced tax officials of the State. The measure out strict regard to the truth. Their main eventually adopted was carefully prepared by endeavor was to "throw a scare" into the a commission composed of the Governor, mercantile and financial interests by claiming members of the legislature, and the Pro- that such "excessive" taxation would drive fessor of Finance in the State University, away capital, and they even went so far as which had been created by one legislature; it to claim that the new system of taxation was debated and unanimously proposed to would jeopardize the school system and the the people by a second legislature; it was State University. The special cause of the freely discussed and voted down by the opposition of these bankers appears to have people; then it was revised again to meet the been the action of the legislature, at the last specific objections raised, and again formally moment, in restoring the tax on bank capital ally approved by the people by a majority of mission, although it had been at one time At the very eve of the last election a special had stultified themselves by favoring the

The evils that were complained of were

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equalities between localities due largely to is left for local taxation would be on the averthe effort of each county (in California the age about one per cent. of the full cash value, county is the local assessment district) to if the State tax could be removed. It was, evade the State tax by under valuation of its therefore, sought to establish such rates on taxable property; (3) inequalities and unfair- the gross receipts of the different classes of ness in the apportionment, under the "where corporations as would equal, as nearly as located" rule, of the revenues derived from might be, one per cent. of the true value of enterprises of a general character, like the the property used by the different classes of railroads; and (4) the evasion of taxation by corporations. The rates finally decided upon the banks and public service corporations.

are: (1) the abolition of the State tax on 31/2 per cent. for telephone and telegraph property in general, which was held to be the companies; 3 per cent. for car companies; and main cause of the inequalities between locali- 2 per cent. for express companies. ties: (2) the taxation of public service corporations, whose property is of a general char- in the past. National banks especially have acter by, and for the support of, the State almost entirely escaped taxation, because the alone, and that on the basis of gross receipts; State attempted to tax them by one method also (3) the taxation of the banks by and for and other banks by another, and the federal the State but on the basis of the book value courts were afraid that the difference in of the stock. In short, it is the plan of method might involve discrimination against "separation" that has been so largely agitated the national banks. The solution offered is as the first necessary step in tax reform.

about \$4,000,000 from sources other than the cent., the same as on all other property. property tax. Hence, it was necessary to by passing that into the hands of the State. on real estate can be reduced by so much. Under the old system each franchise, or "the It is estimated that the taxes reserved for be evaded entirely.

on real estate and on the other property that sessors or other officials.

were: 4 per cent. for railroads of all classes, The remedies provided in the amendment and for the light, heat, and power companies;

Banks have been very inadequately taxed to tax all banks alike on the basis of the book The problem of "separation" is more diffi-value of the stock. In connection with the cult in California than in many other States banks one of the controversies arose. The because of the larger relative amount of the commission, logically, recommended that the State's expenditures. The State spends lib- banks should pay one per cent., the same rate erally for the support of the school system, as other taxpayers are required to pay; but endeavoring to equalize the school facilities the bankers made a plea to the legislature throughout the commonwealth, and it relieves that one per cent. was an "excessive" tax the localities of many other expenses which in and persuaded that body at its regular session other States are left for the towns and cities to reduce the rate to six-tenths of one per to bear. The State has heretofore gone but a cent. This aroused such popular outcry that little way in the direction of separation, hav- on the very eve of the election, the legislature, ing out of some \$12,000,000 of net income only in special session, restored the rate to one per

All of the rates may be changed by the take over for State taxation all the railroads, legislature at any time by a two-thirds vote. steam and electric, all light, heat, and power It is estimated that the new system will incompanies, all telegraph and telephone com- crease the taxes of the corporations to be panies, all car companies, and express com- taxed for State purposes by some \$3,500,000 panies, and the banks. Incidentally, the annually. It would have been more, had it taxation of insurance companies is equalized not been that the six years of agitation led under the new system and the vexed question to the partial correction of some of the underof the taxation of franchises has been settled assessments. Correspondingly, the burden

corporate excess," was taxable where the State will be sufficient to meet all its re-"head office" of the company was located, quirements. If that proves to be the case, no But the location of the "head office" was equalization between counties will be necesmerely technical and by shifting it to some sary. The counties will enjoy a considerable out-of-the-way place where the assessor could degree of "home rule" in matters of taxation. be counted on to be complaisant, the tax could Furthermore, the corrupting influence of politics in relation to taxation will be removed, at Much interest attaches to the method of least so far as the great "interests" are condetermining the rates of taxation on the basis cerned, for their taxes will be determined by of the gross receipts. In the first place it was a mathematical rule that obviates the necesestablished that the average rate of taxation sity for any discretionary judgments by as-

LEADING ARTICLES OF THE MONTH

A GLANCE AT THE WORLD'S PERIODICALS

nations, relief of the unemployed, interna- from ruin." tional peace and the reduction of armament, Mr. L. J. Maxse, editor of the National various aspects of the woman suffrage ques-Latin-American countries.

Parliament.

ELECTIONS

very lucidly states the issue of the general a friend is to trust him." election campaign just closed. Will Britons consent much longer to the powers and privileges of the few over the life and labor of the many? This, says Mr. Spender, is the The Fortnightly (December) prints four artititle "The Chancellor of the Exchequer and cles on the political situation. Mr. Sydney the Idle Rich, by One of Them"-referring recent conference between the two houses of writer describes the work he does as a land-

A BROAD, general, rapid survey of the to which our political capacity has sunk with periodical literature published in the in the memory of living man." He is pervarious languages of the civilized world dur- suaded that the country recognizes the jusing the present season indicates that, while tice of the Liberal point of view, but he deprenational and local topics of interest come in cates the methods employed by the present for the largest share of attention, certain sub-jects of world concern are presented and dis-London Observer, whose trenchant editorials cussed in the reviews and magazines brought have figured as one of the most important out in many different languages and at widely influences in the last two general elections in separated points of the globe. Such topics Great Britain, announces his defection from of general human concern as the constantly the government. The supreme duty of the increasing cost of living, the relations of labor hour, says Mr. Garvin, is to "break both the and capital, the adjustment and readjustment Liberal party and Mr. Redmond in order to of tariffs, the ever-mounting budgets of the save the crown from humiliation and the realm

tion, socialism, general party politics and ber, his usual quota of vigorously worded aërial navigation—these occupy a good deal paragraphs on the situation from the antiof space in the current periodicals of Europe, Liberal, anti-German, anti-Home Rule standof the United States and Canada and of the point. Blackwood's (December) editorially rejoices at what it calls the progress made In addition to thoroughly presenting all by Unionist sentiment. Two articles in the phases of these general subjects, the reviews Nineteenth Century present opposing views. of continental Europe are largely concerned Mr. J. A. R. Marriott berates the Unionists with the questions of emigration, of the rela- in view of the Osborne judgment. Where, he tions between Church and State, and of the asks, has British conservatism gone? Sir extension of the franchise. British period- Henry Seton-Karr unsparingly criticises icals continue to debate with more or less Chancellor Lloyd-George, and Mr. W. S. accrbity international and imperial relations, Lilly purports to find, in the philosophy of Home Rule for Ireland and the seemingly Aristotle and John Stuart Mill, a real reason endless struggle between the two houses of for the existence of a conservative Upper Chamber. Home Rule for Ireland, in the opinion of a writer in the Fortnightly who THE BRITISH REVIEWS AND THE GENERAL signs himself "Outsider," is the livest issue before the British people to-day. Canon Sheehan, writing on William O'Brien and the The more serious quarterlies and monthlies Irish Center party (in the same number of the all have "leaders" on the general political Fortnightly), maintains that the Irish are situation in Great Britain. In the Contempo- beginning to discover that they must unite, rary Review (December) Mr. Harold Spender because "the best way to turn an enemy into

WHAT ENGLISHMEN ARE READING ABOUT

A noteworthy article on social conditions question Englishmen are asked to decide. in England appears in Blackwood's under the Brooks characterizes the breakdown of the to a recent speech of Mr. Lloyd-George. The Parliament as registering "the lowest point owner and apparently makes good his claim

modern society.

INTERNATIONAL TOPICS

ically and shudderingly set forth in the masculinity." Fortnightly, by two Greek writers, C. Chryssaphides and R. Lara

ESSAYS IN THE FRENCH REVIEWS

that a country gentleman is not necessarily Mondes continues to give us elaborate, excellently written historical and reminiscent There are the usual number of articles on articles. Recent numbers have been made topics concerned with the emancipation of particularly interesting by a series of articles woman. Particularly noteworthy is Mr. Jo- from the pen of the well-known French writer seph Strauss' study of "Woman's Position on political economy, M. Paul Leroy-Beauin Jewry." "In ancient and modern Jewry lieu. He discusses French labor problems the position of woman is such as to command with particular reference to what he calls the the approval and admiration even of our syndicalist revolution, which he believes is modern suffragettes." Good supplementary imminent in France. That staid French reading to this article is the suggestion, inter-periodical, Documents du Progrès, semiestingly set forth in a paper by R.F. Cholmeley, official organ of the Foreign Office, contains on "A School for Fathers," in The English- an elaborate analysis (by R. Broda) on the woman, that ably edited review of the prog-idea of "insurance against unemployment." ress of feminine emancipation published in In the same magazine R. Simon describes the London, which has, during the past year, results of "collective bargaining and the conprinted a good deal of scholarly, well-thought ditions of labor in continental Europe." The out material on the position of woman in Grande Revue thinks that "the legal minimum wage in France is too low.'

Army and navy matters are discussed at length in the French reviews. General Francfort, writing in the Correspondant, The English reviews are, of course, greatly maintains that the Republic needs more army concerned with international politics. Dr. officers; L. Marin (in the Nouvelle Revue) E. J. Dillon, in his stimulating and compreseverely criticises the executive management hensive review of foreign affairs which ap- of the French navy, and Commander Davin pears each month in the Contemporary, con- (in Questions Diplomatiqués) gives an admirsiders, in that periodical for December, "The able history of the Russian navy. Colonel Chief Hindrance to a European War"—the Marchand pays his respects to British admincheck being, in his opinion, a preponderating istration in Egypt in an article in the Nouvelle British navy. In the Westminster, Mr. H. J. Revue, and, in Questions Diplomatiqués, scores Darnton-Fraser, in his article "The Danger "Turkish Pretensions in Africa," while in the Point in the Near East," joins Mr. Maxse, last-named review M. Sovue congratulates editor of the National Review, in his anti- England on the consummation of the South German preachments. "Tay Pay" O'Con- African union. An anonymous article in the nor, in his own Magazine, pleads with the Revue de Paris "booms" Brest as a transcivilized world to arouse itself on the question atlantic port. La Revue, in many respects of "Finland's Struggle for Freedom." A the most ably and vigorously edited of the strong article on "German Views of an Anglo- French reviews, has an appreciation of German Understanding," by Sir H. H. John- Tolstoy, and a long, eloquent description of ston, in the Nineteenth Century, is noticed Latin civilization by Señor Manuel Ugarte, more extensively on another page. Mr. the well-known Argentine political writer. Lovat Fraser, in the National Review, at- The editor of La Revue also, M. Jean Finot, tempts to justify the sharp tone of the has, in two recent numbers, an article on British note to Persia, made public in the emancipation of woman (he entitles it October, on the subject of anarchy in the "The Death of the Eternal Feminine") in southern provinces of that country. The which he speaks hopefully of the woman of whole question of the Near East, as summed to-morrow, who "will have acquired virtues up in the career and personality of the unknown to us to-day, and who will show us ex-Turkish Sultan, Abdul Hamid, is graph- a new femininity which will not be a new

STUDIES BY GERMANY'S WISE MEN

The German reviews are even more scholarly and detached from the pressing problems The French reviews always pay a good deal of the day than are the French. The heavier of attention to literary and historical topics. reviews, like the Deutsche and the Rundschau, The staid and solid old Revue des Deux present philosophical studies, opinions of

learned Germans on the functions of educa- international affairs. All the Scandinavian 46 some interesting information can be ob- which we quote on another page. tained from Dr. Bruno Schmitz' scholarly paper (in the Nord und Süd) on "The Berlin Housing Problem." A long discussion of the recent Parliamentary developments in Germany is contributed to the *Deutsche Revue* by publication with which our readers are more all have something to say on conditions we find that the annual custom of adapting in the Balkans and Turkish finances. the December and January numbers to the Frieherr von Machy, writing in the Kon- supposed requirements of the Christmas seaservative Monatsschrift, thinks that the young son still persists, although the preparation of Turks in their financial extremity must now special holiday features, both in text and ilturn to Germany.

and questions of the regulation of art expor- is left for the so-called "serious" features,elsewhere a statement of the reforming of the and then a descriptive article of the old type, posium on Tolstoy made up of articles by seven reminiscence, or history. eminent Italians. The celebrated Professor Ferrero contributes some appreciative comments on the literary style of the great Rus-

ence between Cubanisms, Peruvianisms, etc. of last month. These are some of the sub-Philippines.

largely to topics of national interest. A writer the Politics of Business," by Lincoln Stefin De Gids, however, discusses international fens in Everybody's; "What Are You Going arbitration and disarmament, declaring it To Do About It?" (dealing with political his belief that it will be the duty of Hol- conditions in Colorado), by Charles E. Rus-

terested in topics of artistic and economic con-Century, and in the same magazine "The

tion, and the army and navy, and two or three countries, however, are interested in Georg studies of foreign politics that are worthy of Brandes, the famous Danish critic, who has note. On another page we quote an inter- come to be recognized as the most eminent esting German opinion of the "Roosevelt personality of his country. A little about Destiny." In connection with our article on Brandes' eminence is given in a recent number the London town-planning conference on page of Samtiden, the Norwegian review, from

THE AMERICAN POPULAR MAGAZINES

Reverting now to the form of periodical T. Boisly. Of course the German reviews familiar, the American illustrated magazine, lustration, is growing less elaborate from year to year. Notwithstanding the large number OTHER EUROPEAN COMMENT AND DISCUSSION of Christmas stories that still make their appearance in the magazines, a very large In Italy, the reform of the Upper House proportion of space in the December numbers tations and the lessening of emigration occupy political, social and economic discussions, a few the attention of the magazines. We give essays and bits of literary criticism, and now Italian senate. Nuova Antologia has a sym- with an occasional chapter of biography,

POLITICAL DISCUSSIONS

If any Rip Van Winkle among the magazin-It is not very often that the Spanish re- ists of halt a century ago should come back to views publish articles that are of such a nature earth in this year of grace of 1911, one of the that they can be condensed and used in these first characteristics that he would be likely to pages. Recent numbers of Espana Moderna, note in the contents of the up-to-date Amerihowever, have contained several noteworthy can magazine would be the increased attenarticles of interest to Americans. One on tion to current topics in the political and "Greater Spain" in a current number deals economic fields. By way of illustration, we with variations of the Spanish language have only to look over the tables of contents found in America, pointing out the differ- presented by the leading popular magazines We quote on another page from an article jects which are journalistically treated in in Cultura Filipina on the status of the those periodicals: "Insurgence of Insur-English and Spanish languages in the gency," by William Allen White, a journalist who knows what insurgency means, if any-The Dutch reviews limit their articles body does, in the American Magazine; "It: land to bring about some scheme of uni- sell in the Cosmopolitan; "The New Apportionment of the House," by G. G. Lincoln in The readers of Swedish, Norwegian and Munsey's; "Is Congressional Oratory a Lost Danish reviews are evidently much more in- Art?" by Speaker-to-Be Champ Clark, in the cern in their own countries than they are in House of Governors," by W. G. Jordan, who

is, and has been chief promoter of that prom- for her in trade relations. The old problem ising institution. In the North American of building up an American merchant marine Review there are two articles bearing directly is attacked in the Atlantic by Mr. W. S. on the present political situation: "Lessons Bowles. of the Election," by Edward G. Lowry, and "Popular Election of United States Interesting Biographical sketches Senators," by J. W. Perrin.

SOCIAL AND ECONOMIC ARTICLES

absurdities in our present taxation system most successful and profitable biography. the Race Problem" and in the same magazine a Northern writer to a rapidly growing Lee Mr. Frederic C. Howe defines "A Way literature. Prof. Brander Matthews writes Toward Modern Civics." Mr. C. M. Harger in the Century of "Poe's Cosmopolitan contributes to the North American Review Fame," while in the North American Review child to movements for social reform.

devoted to commerce and its regulation. In the North American. the American Magazine, Miss Ida M. Tarbell makes pointed reference to the public record of Senator Aldrich on the tariff, while in the Atlantic Prof. F. W. Taussig, in an article which we summarize on another page of American magazine was supposed to publish this REVIEW, attacks the much lauded basic in each issue at least two or three "travel principle of difference in the cost of production articles." This excellent custom is now, we as applied to the tariff. The timely subject regret to say, more honored in the breach of reciprocity with Canada is discussed in the than in the observance. In the whole range Forum by Peter McArthur. (In this con- of contents presented by the December num-

reciprocity, the actual trade conditions of the Swamp," in Harper's; another is Mr. Ernest world are being presented in a series of arti- Thompson Seton's "Arctic Travels," in cles in the Century Magazine. The commerce Scribner's, while Mr. Paul J. Rainey's unof Spain is described in the December number usual experiences in securing Arctic animals, by A. S. Riggs, and those Americans who as related in the Cosmopolitan for December, have thought of Spain as a decadent nation were summarized in our own December numwill be surprised at the showing that is made ber. In the way of description, also, we

It is a relief to turn from these rather matter-of-fact articles to the biographical studies that have a place in the December and Among the economic topics treated in January numbers. Prof. A. C. McGiffert December magazines are "Working Girls' has begun in the Century a really new and in-Budgets" and "Masters of Capital in Amer- spiring account of "Martin Luther and His ica" in McClure's; "The Honest Farmer" in Work." The Century has been famous in Hampton's; and "Woman, the Lion of Prog- years past for its biographies of distinguished ress" in the Forum. Mr. William S. Ros- men. There seems to be a peculiar need of a siter writes with perception and knowledge in modern life of Luther which will answer the the Atlantic Monthly concerning the dwin-questions sure to be asked by the present dling of that part of our population which congeneration. Professor McGiffert is an enthucerns itself with agriculture. In the American siast on this subject and the introductory Magazine, Mr. A. J. Nock exposes some of the chapters of his work give every promise of a

under the title "The Things That Are Mr. Gamaliel Bradford's study of Robert Caesar's." Dr. Booker T. Washington tells E. Lee in the Atlantic is noteworthy as a disin the World's Work "How Education Solves criminating and appreciative contribution of a well-informed statement of the relation of Mr. Archibald Henderson contributes an finance to the land movement in the middle entertaining analysis of "The International West. In Hampton's, Rheta C. Dorr writes Fame of Mark Twain." These two American on "Another Chance for the Bad Boy" and writers, it is safe to say, will not soon be forin the North American Review Dr. P. S. gotten, even in lands where literary reputa-Moxom shows the relation of the modern tion has been won by comparatively few Americans. We quote elsewhere (page 97) Several important articles of the month are from Mr. Howells' appreciation of Tolstoy in

TRAVEL, DESCRIPTION, AND ADVENTURE

A few years ago every well-regulated nection our readers will note Mr. McGrath's bers, only three or four travel sketches have resumé of the American and Canadian arguments in this number of the Review.)

These, however, happen to be exceedingly well done. One of them is Mr. Quite apart from questions of tariff and Walter Pritchard Eaton's "The Real Dismal

den's account in Everybody's of the recent on mining conditions. The December instalforest fires of the northwest. In the North ment is a thrilling story of "Fire in a Mine." American Review, Mr. W. R. Thayer writes an

ture, we commend to the notice of our readers reader as well as to the specialist.

should not omit mention of Mr. G. W. Og- Mr. Joseph Husband's articles in the Atlantic

We have mentioned only a few of the more appreciative article on "The Clue to Modern prominent topics in the December numbers of Italy." In Hampton's, Mr. Frederic C. the popular magazines, disregarding for the Howe gives an excellent description of the moment a great number of special and semicity of Düsseldorf, and in the same magazine technical articles which constantly appear in Mr. Walter Wellman relates his adventures journals of a limited or class circulation. in his recent attempt to cross the Atlantic in These, however, are not altogether ignored in this department of "Leading Articles of the As a graphic account of personal experience Month," in which are noted several sciensuch as does not often find its way into literatific topics that are of interest to the general

THE TARIFF AND COST OF PRODUCTION

was incorporated in the national Republican to the complete annihilation of foreign trade.

signing the bill.

dollars in ascertaining the cost of production high duty. of protected articles at home and abroad. He

THE doctrine of a tariff based on differences "solution" of the tariff question this muchin cost of production has recently re- paraded "true principle" is worthless. Apceived much attention in this country. It plied with consistency, he says, it would lead

platform of 1908, and in the debates on the As he interprets the phrase "equalization of new Tariff Act, in the following year, it was cost of production," it has only this meaning: repeatedly spoken of by the "insurgent" The higher the expenses of an American pro-Republicans as the true and accepted Repubducer, and the greater the excess of the exlican principle of protection by which every penses incurred by him over those incurred specific duty on manufactured products was by a foreign competitor, the higher the duty. to be tested. And after the Payne-Aldrich This means, then, that the production of any bill had been passed and became a law Presi- and every thing is to be encouraged — not dent Taft was repeatedly assailed because of only encouraged but enabled to hold its own. his alleged departure from this principle in Automatically the duty goes up in proportion as the American cost is large. As an illustra-A fresh discussion of this tariff plan is em- tion, Professor Taussig refers to the producbodied in an article contributed by Prof. tion of tea in South Carolina. Ascertain how F. W. Taussig, of Harvard, to the Atlantic much more expensive it is to grow the trees Monthly for December. Contrary to a very and prepare the leaves there than it is in generally accepted opinion, Professor Taus-Ceylon, and put on a duty high enough to sig regards the scheme as a novel one. At offset. Similarly in the case of Kentucky the outset he shows that in order to apply the hemp, ascertain how much more expensive principle it will be necessary for the new Tar- it is to grow hemp in Kentucky than in Russia iff Board to spend hundreds of thousands of or Yucatan, and equalize conditions with a

It was on this principle that the duties on warns us that "cost of production" is a slip- lemons and prunes were raised in the Paynepery phrase, that costs differ in different es- Aldrich tariff for the benefit of the California tablishments and cannot be figured out with growers. But, says Professor Taussig, if accuracy in any one establishment without an lemons are to be protected under this princielaborate system of special accounts such as ple in California, why not grapes in Maine? are rarely kept; but he admits that approxi- "They can be grown if only the duties be mate figures may be secured and that if the made high enough. Of course, the more unprinciple is sound it will be of great service to favorable the conditions the higher the duties have careful preparation for its application must be. The climate of Maine is not favorand to reach the nearest approach to accurable for grapes; they would have to be grown acy that the complexities of industry permit, in hot-houses. But make the duty high But the question remains, How far is it all enough, handicap the foreign producer to the worth while? To this question Professor point of equalization, and the crops can be Taussig's brutally frank answer is that as a grown." But the obvious consequence of all

conditions, the more extreme will be the competition?

height of protection.

lem, therefore, Professor Taussig dismisses the tariff.

this is that the more unsuited the conditions this much-lauded principle as worthless. In are for efficient and economical production, fact, it begs the whole question at issue, the greater will be the effort to bring about which is: How far shall domestic producers protection. This equalizing principle, then, be encouraged to enter on industries in will work in this way, - the worse the natural which they are unable to meet foreign

Professor Taussig would not, however, If it is maintained that the principle is not leave it to be inferred that inquiries about to be pushed to such absurd lengths the question remains, Where shall the line be drawn? wages, and equalization of conditions, are not Professor Taussig refers to the advance of worth while. On the contrary, he believes duties in our present tariff of 50, 70, and 100 that they will conduce to a better understandper cent., and to Senator Aldrich's remark in ing of the tariff situation and are likely to lead the course of the tariff debates that he would to improvement in legislation. In two direccheerfully vote for a duty of 300 per cent. if it tions, he believes, the investigation of relative were necessary to equalize conditions for an costs of production would be of advantage: American producer. If 300 per cent., asks as to undue gains in monopolistic or quasi-Professor Taussig, why not 500 or 1000 per monopolistic industries, and as to the extent to which there are vested interests which As a proposition for settling the tariff prob- must be respected in a future settlement of

A GERMAN VIEW OF THE "ROOSEVELT DESTINY"

A REVIEW of present-day political and The path of the victorious general is not open, Fitger, editor of the Bremen Weserzeitung. His concluding remarks, which are devoted to the "question of the giant trusts and condensed:

Whether some great genius will lead his people nomena; they appear suddenly like Pallas Athene gigantic powers, carried on not from the stand-springing from the head of Zeus. Such were point of the foreigner but of the North American Pericles, Cæsar, Frederick the Great, Napoleon, patriot, would be an enterprise worthy of a polit-Bismarck. Is Roosevelt, perchance, made of the ical Hercules. There is many an unfavorable stuff of a regenerator? Who knows? He must element in the arena—the rigidity of party not be measured by the scale of the men just menformations, the diverse platforms, the influence

In order to be a regenerator of the politics of his country-assuming that Roosevelt realization of his aims and of the means at his disposal.

everything must proceed from internal politics. That he will fight against them is certain; but

economic conditions in the United States
—written with remarkable comprehensiveof trained generals, the "rough rider" of the ness and penetration for a foreigner-is con- Far West, the daring volunteer of the Cuban tributed to the *Deutsche Rundschau* by Emil campaign would be placed at the head of all the Fitzer editor of the Bremen Weserzeitung forces of his country.

If the "waves of war do not raise him to Roosevelt's relation to them," are worth such a rôle, there remains only that of a quoting, and we give them here only slightly civil dictator, such as Pericles was under democratic forms."

Roosevelt's task would be the annihilation of into new paths is the most difficult thing in the the inordinate power of the associated gigantic world to predict. Great geniuses are rare phe- capital of New York. . . . The combat with such tioned; all the world indeed, is agreed upon that, of the trusts and their contributions to party But he has exerted a great influence upon his funds. But also many favorable factors—the nation and may possibly still greatly increase it. growing resentment of the masses against the trusts, the existence of a party, the Democratic, already trained to fight these capitalistic powers. Roosevelt, however, does not belong to it. Going over from one party to another in a man of such wants to venture the great throw-he must, high position is almost unprecedented. Our forcontinues the German writer, have a clear mer compatriot, Carl Schurz, had the courage to do it. . . . But Schurz did not occupy the highest place. And he was confronted by many difficulties owing to his change of allegiance.

Is Roosevelt willing to undertake the giant The power that is ultimately to extend over war with those powers? People do not know.

shift the battle array of the two opponents and throw it into disorder, whether he may even venture to take the unprecedented step of placing himself at the head of his former opponents (from whom so many questions divide him), he alone knows. The accusation, so portentous in a democratic republic, of striving for a dictatorship, to which Gambetta succumbed, Roosevelt has not was reproached with being the first to break with manded.

whether he will do it as a thing of life and death, the tradition, held sacred since the time of Washwhether he credits himself with the strength to ington, that no one shall be elected President more than twice. The arraignment is not at all pertinent. Roosevelt has thus far been elected only once, in 1904. Before that he had to step in because of McKinley's assassination. Roosevelt's popularity suffered in the last years of his incumbency; not among the people but in congressional circles did opposition to him manifest itself, after he had repeatedly sharply rebuked them; they, escaped. His seemingly renewed aspiration for among other ways, answered him by granting the presidency was interpreted in that light. He him only two battleships of the four he had de-

HAS GERMANY DESIGNS ON HOLLAND AND TURKEY?

THE price to England of an understanding with Germany is British acquiescence in the Kaiser's ambition to absorb Holland and the Kaiser's ambition to absorb Holland and peninsula, of Asia Minor, and of Mesopotamia, dominate in the Balkans. At least, such is down even to the mouth of the Euphrates. They the opinion of Sir Harry Johnston, the eminent English traveler and authority on Oriental and African peoples. This opinion is by the fact of its being charged with the safe-perhaps and Jewish state—which, merely by the fact of its being charged with the safe-perhaps and peoples.

Sir Harry Johnston is a friend of peace and a friend of Germany. As an ex-British the principal towns of Germany last autumn, and during his visit he made it his special business to ask German officials, German ensign of Byzantium. politicians, heads of industries and of great commercial firms why Germany is forcing the pace in the matter of naval construction. Germans. He took no notice of the "unreasonable aspirations" of the German jingoes. He embodies in his article what he tells us may be considered the average views of enlightpossible with Germany, and that there can be no abatement in the race of naval armaments

unless Great Britain enters into a compact with Germany, written or unwritten, which will make over to the German Empire, as part of the domain in which she exercises dominating influence, the kingdom of the Netherlands and all the appurtenances thereto, the Balkan peninsula, and all that remains of the Turkish Empire.

These are the terms of settlement with Germany.

GERMAN AMBITIONS IN THE NEAR EAST

Here is his summary of what the Germans say regarding their modest ambitions in the Near East:

They propose as their theatre of political influence, commercial expansion, and agricultural experiments the undeveloped lands of the Balkan nent English traveler and authority on ental and African peoples. This opinion is by the fact of its being charged with the sate-vigorously set forth in an article in the keeping of the holy places of Christianity, would quite possibly become undenominationally Christianity. tian. A Turkish sultanate might continue to exist in Asia Minor, just as there will probably be and a friend of Germany. As an ex-British for centuries a King or Queen of the Netherlands, pro-consul he has a wide experience of the of Austria, Hungary, Bohemia, Bulgaria, and world and its ways. He traveled through Rumania; but German influence at Constantithe principal towns of Germany last autumn, nople would become supreme, whether or not it was under the black-white-and-red flag of the Fatherland itself, or under the Crescent and Star

"Why should this worry you?" asked the

It might inconvenience Russia, but we could square Russia, and in return for the acceptance of our treatment of Constantinople we would give her the fullest guaranties regarding the indeened and intelligent Germans. He has come pendence of Denmark, and possibly even we to the conclusion that no understanding is might admit the right of Russia to an enclave on the Asiatic side of the Bosporus, and to a sphere of influence over Trebizond and Northern Armenia, besides recognizing the special need of Russia to obtain access to the Persian Gulf through Northern and Western Persia.

BERLIN'S APPETITE FOR HOLLAND

The other indispensable condition of a real Anglo-German peace is, according to this English writer, the acceptance by Great Britain of "the virtual incorporation of Holland in the German Empire." "More than one enlightened and intelligent German" told Sir Harry Johnston, that

of course, this Anglo-German understanding wouldinclude (whether it were publicly expressed or not) a recognition on the part of Britain that

by means of a very strict alliance, come within the German sphere. We have already brought pressure to bear on the Dutch Government to insure this. We intend to stand no nonsense or to admit no tergiversation in this respect. So long as Holland consents to be more nearly allied with the German Empire than with any other Power, so long its dynasty, its internal independence, and the governance of its oversea possessions (in the which more and more German capital is being sunk annually) will remain completely undis-turbed. But you may take it from us that an alliance for offensive and defensive purposes now exists between Holland and Germany, and that the foreign policy of the two nations will hence-forth be as closely allied as is that of Germany and Austria.

If Britain refuses this offer from Berlin,

henceforth the kingdom of the Netherlands must, intelligent Germans" who have given Sir

Of course if you drive us to extremes and block us in all other directions by refusing to cooperate with us in the removal of our neighbors' landmarks and enclosing territories in Europe and Asia we may put the whole question to the test when the right opportunity comes by occupying Belgium (and Holland), by throwing down the gage of battle to France; and, as the outcome of victory, incorporate within the German sphere not only Holland and Belgium but also Picardy. That would be our way of commencing the duel with Great Britain. But we should make use of our navy to defend the approaches to Holland, Belgium, and Denmark, and we ask you what sort of efforts you would have to make in the way of army organization to be able, even in alliance then, in the words of the "enlightened and Low Countries if you compelled us to occupy them.

UPPER-HOUSE REFORM IN ITALY

of the House of Lords, it is interesting to note high officials (ministers or secretaries of state, amthe rational steps that are being taken by bassadors, ministers plenipotentiary in office since the Italians in the way of modernizing their three years, councilors of state in office since Senate. The scheme of reform of the upper house drawn up by a commission appointed for the purpose, is to be submitted to the general at the Courts of Cassation and procuratorsnational parliament. The expectation is that general after five years of service, presiding judges it will meet with no opposition of any moment. The plan as devised will make the five years, advocates-general and fiscales-general Senate far more representative of the people's after five years); the army (general officers of the varied interests than it has hitherto been, army and navy, major-generals and rear-admirals. The paris *Temps*, in detailing and commendator five years of active service as such, intendentations of the service as the heariest terms. ing the proposed measure, gives also the present structure of that body. The article, direct taxes since three years on their property or

The Italian senatorial commission charged with drafting a reform of the upper chamber has adopted a report upon this subject presented by Senator Arcoleo. The resolution of Signor Finali (since elected president of the commission) which was passed on August 6, charged the latter, com-posed of nine members, to study "the opportuneness, the method, and the extent of the reform."

composition of the Italian Senate. By the terms of Articles 33 and 34 of the statute the Senate is composed, outside of the princes of the royal family (who take their seats when twenty-one and vote when twenty-five), of an unlimited number of categories; namely: the clergy (archbishops, and bishops); science and public education (members of the Royal Academy of Sciences chosen within the

A T present when there is such a momentous Deputies, deputies who have served three sessions, agitation in England regarding the future or six years, presidents of the provincial councils who have been elected to that office three times); five years); the judiciary (first presidents and presidents of the Courts of Cassation and Accounts, first presidents of the Courts of Appeal, advocatein the Courts of Appeal after three years, counsel-ors of the Courts of Cassation and Accounts after tants-general after seven years); the heaviest taxwhich is brief and to the point, reads as their industry); finally, those who "by their services follows:

their worth have shed luster on the country." The number of senators is, theoretically, unlimited. It was 322 in 1874. It has since been increased

to 390.

The object of the reform considered by the commission was to modify the distribution of the categories and to change the method of recruitment: it was not, therefore, properly speaking, a con-stitutional problem that they had to solve but simply a question of application. They pointed out, by way of justification, that all the countries It is well, in the first place, to recall the present of Europe have introduced amendments in the recruiting of their upper houses, and that Italy alone remained faithful to a superannuated system. The thing to do, then, was to revise the categories, to modernize them, and likewise to give public opinion a share in choosing the senators. members appointed for life by the King, among what the commission proposes to provide in desig-citizens aged at least forty, and taken from certain nating three great classes—officials, the science and education, political and economic functions or powers. Of the 350 members of which the upper chamber would henceforth be composed, the King last seven years; regular members of the council would choose, directly, a little less than a third. of higher instruction who have served seven years); The rest would be elected under conditions which the elective bodies (president of the Chamber of it is interesting to recount; namely, by special

groups of interests or of endowments.

The first category of senators elected (science and education) would be chosen by the professors of the universities, forming a national college; it would send a contingent of thirty representatives. The second (political and economic functions or upper house. powers) would be more numerous. Former members of the Chamber of Deputies would figure there to the number of 40, heavy tax-payers (censiti) to that of 90. Here the electors would be the senathe economic and commercial elements-presidents of chambers of commerce, of agricultural that thus an elective body will be formed that will the Chamber of Deputies.

colleges whose membership would represent actual give harmonious expression to the various forces that contribute to the life of the nation. would be fifteen electoral colleges summoned to exercise their choice in virtue of the statute, and to introduce thus, without any literal change in the constitution, a new factor in recruiting the

The newspapers speak in eulogistic terms of the work of the commission. The fortors, the deputies, the members of the provincial mula upon which it has decided appears, councils and the communal assemblies; and also indeed, ingenious and adapted to constitute an upper chamber provided with the requisite associations, of workingmen's societies. It is hoped authority in relation to the country and to

ENGLISH AND SPANISH IN THE PHILIPPINES

Spanish, dominates or will eventually dominate, in the archipelago? This is the question upon which the Filipino review Cultura Filipina (Manilla) has opened a discussion. The controversy has been carried on by Antonio Medrano, a Spaniard, and by Lloyd Burlingham, an American. According to the former, statistics prove abundantly that Castilian is the language most generally used in the archipelago, not only as far as mere numbers go, but also taking into consideration its cultural influence.

The latter answers that, while the Castilian language is the principal vehicle adopted by literary culture in the Philippines, English is more commonly used by the average individual. If there are but few Filipino authors who write in English, the reason, Mr. Burlingham says, is that the older generation is still more conversant with Castilian than

with English.

Cultura Filipina, commenting upon the two articles editorially, argues that "Mr. Burlingham's statement is illogical, for in every part of the world the language spoken by the long ethnologically to one and the same race; for largest majority is also written by the largest the Spanish never exterminated the indigenous majority. It says:

Mr. Burlingham hopes that the day will come when English will be more widely used than Spanish. We have no objection to the coming of that day, for we recognize the commercial superiority of the English language. But we would consider it as a national disgrace if the Filipino people should forget the Castilian language. We shall ican propagate their language, for it is their right destructible. . . and their duty. On our part we will also fight for but there remains with our spirit the incomparable the survival of Castilian, for therein lies our duty and splendid language of the Spanish race, disand our right. The Americans have force on their coverer of new worlds and redeemer of nations.'

TA/HICH of the two languages, English or side, since they are in political control of the Islands. We rely only on one factor, the soul of a people, which, like the soul of a man, is immortal

> Another article bearing on the same subject and in the same review, from the pen of the Filipino author, Joaquin Pellicena Camacho, enlarges as follows upon the bonds still uniting Spain and the lost colonies:

> Time, which purifies and heals, has brought about the reconciliation of the great pan-Iberian family and has reëstablished the intellectual bonds which unite the men who people Iberia, Coloniberia, and Pan Iberia, in Europe, Asia and America. At the present day the Mexican and the Argentinian no longer claims to be the descendant or the conqueror of the Aztecs or of the Guaranies? No longer do the Spanish poets characterize their brothers of beyond the ocean as traitors. . . . The same is true of Chile, of Cuba, of Colombia. The same is true of the Philippines. In hours of anger and in the course of polemics the names of Tupas, Hamabar, Soliman, Lakandola, may be used for purposes of sentimental, historical or poetical discussion; no one, however, can deny that the Philippine nationality, as a nationality, with all its idiosyncrasies as a distinct nation, as a distinct personality, was founded by Lagazpi and Urdaneta. . . . We of the great pan-Iberian family be-

races, but lived in peace with them and intermarried with them, transforming them through the influence of their civilization and of Christianity, but preserving all of their characteristics which contained germs of life and variety. Twelve years ago the four century old domination of Spain over the Islands was brought to an end, but those twelve years have only had a soothing and tonic effect, obliterating the memory of every shall defend our own tongue. If both can thrive destroy the Filipino soul. The civilizing, the contemporary for it is a propagate their language for it is a structive work of Spain in the Philippino soul. Our flag has been lowered,

VARIED VIEWS OF TOLSTOY

THE century in which Tolstoy "mostly lived and mostly wrought had among its many great names few more memorable than his if it had any." Such is the dictum of William Dean Howells, whose critical judgment of the great Russian, which originally appeared in the North American Review two years ago, is was Lincoln, continues the veteran American novelist, elaborating his dictum. "Then there was Tolstoy-in an order which time may change, though it appears to me certain that time will not change the number of these supreme names."

There is, Mr. Howells would have us berelation of these historic characters one to the other. He says on this point:

If you fancy Napoleon the incarnation of the selfish force which inspired and supported his own triumphant enemies in their reaction against progress; if you suppose Lincoln the type of humanity struggling toward the ideal in the regeneration of the world's polity, you may well conceive of Tol-stoy as the soul's criticism of the evil and the good which, however wholly or partially they knew it, the others imperfectly did. The work of Lincoln was no more final than the work of Napoleon; and like Napoleon's and like Lincoln's, Tolstoy's work has been without finality. So far as I can perceive, it has even been without effect in a civilization which calls itself Christian, but which has apparently been no more moved by the human soul as it was in Tolstoy than by the divine spirit as it was in Christ. At first, indeed, the world was startled by the spectacle of a man of the highest rank, of a most ancient lineage, of great wealth, of renown in arms and in letters, putting from him fame and ease and honor, and proposing literally to obey the word of God, by making himself as one of the least of the brethren of Christ. It was a very curious sight, a bit droll, rather mad, wholly extraordinary. The world could hardly believe its eyes. It rubbed the sleep of two thousand years out of them at the sound of this voice crying in the wilderness, this voice that had so charmed it in fable, and bidding it prepare the way of the Lord and make His paths straight. Some tears came into its eyes, and some smiles; but after a while its lids fell again, and all was as before. The event, one of the greatest in the history of mankind, has been without perceptible effect in civilization.

Admitting that, regarded as an incitement to the literal following of Christ's commands, "the teaching and the living of Tolstoy have been a failure so utter, so abject, that the heart sickens in considering it," Mr. Howells passes to a consideration of the literary achievements of the great Russian. He cannot resist, however, this reference to the "spiritual content" of Tolstoy's fiction:

He says and he shows that the selfish life, the individual, the personal life, is always misery and despair, and, except for some moments of mad oblivion, is constant suffering. Some of the most beautiful, the most wonderful, passages of his fiction, both that which is real and that which is ideal in terms, embody events in which he seizes and perpetuates the heavenly rapture of a supreme act of self-sacrifice, of identification. The imaginareprinted in that publication in its issue for tion has never gone farther than in these portrayals December. There was Napoleon and there of mystical ecstasy; in them, indeed, the human consciousness of the original and final divine is suggested as no polemic could urge it.

> Very suggestive and graphic is Mr, Howells' description of how he was impressed by the artist Tolstoy.

His literature, both in its ethics and æsthetics, lieve, a sort of "representative unity" in the or of its union of them, was an experience for me somewhat comparable to the old-fashioned religious experience of people converted at revivals. Things that were dark or dim before were shone upon by a light so clear and strong that I needed no longer to grope my way to them. Being and doing had a new meaning and a new motive and I should be an ingrate unworthy of the help I had if I did not own it, or if I made little of it.

I first saw his book, "My Religion," in the house of two valued friends who spoke of it bewilderedly, as something very strange, which they could not quite make out. They were far too good to deny its strong appeal, but they were too spiritually humble, with all their reason for intellectual pride, to be quite sure of themselves in its seemingly new and bold postulates, which were, after all, really so old and meek. They showed me at the same time the closely printed volumes of the French version of "War and Peace," for it was long before its trans-lation into English, and they were again apparently baffled, for a novel so vast in scale, and so simple and sincere in the handling of its thronging events and characters, was something almost as alien to modern experience as the absolute truth-fulness of "My Religion." By that time I had long known nearly all of Turguéniev, and something of Pushkin, but Tolstoy was a new name to me. It was recalled to me by yet another friend, who lent me "Anna Karénina" with the remark: "It is the old Seventh Commandment business, but it is not treated as the French treat it. You will be interested." The word was poor and pale for the effect of the book with me. The effect was as if I had never read a work of the imagination before. Now for the first time I was acquainted with the work of an imagination which had consecrated itself, as by fasting and prayer, to its creative office and vowed itself to none other service than the service of the truth. Here was nothing blinked or shirked or glossed, nothing hidden or flattered, in the deepest tragedy of civilized life. It was indeed the old Seventh Com-mandant business, not only not treated as the French treat it, but rightly placed as to the prime fact in its relation to all the other experiences of a sinning and agonizing soul.

Of "War and Peace," which he regards as "a homily, comprehensive and penetrating beyond any direct sermoning," Mr. Howells

We behold a multitudinous movement of human beings, each of whom is a strongly defined character in himself and is a type of innumerable like characters. Every passion is portrayed, every affection, every propensity, not because the author wished to include all in his scheme, but because the scheme was so fast that they could not be excluded. It is as if the story were built upon the divination of atomic activity in the moral as in the material universe where stocks and stones are the centers of motion as unceasing, unresting, as blind, as that of the stars in their courses, but not less guided and intended.

Tolstoy was an ideal combination of moralist and artist, we are reminded.

When he had recognized and appropriated the principle that to see the fact clearly by the inner light, and to show it as he saw it, was his prime office, all other things were added unto Tolstoy. In the presence of his masterpiece, you forget to ask for beauty, for style, for color, for drama; they are there, so far as they are not of naughtiness, in such measure as no other novelist has compassed. Every other novelist, therefore, shrinks and dwindles beside him; behind him, in the same perception, but not the full perception or the constant perception, come De Maupassant and Zola and Flaubert, Galdós and Pardo-Bazan, Verga, Björnsen, and perhaps Hardy-yes, certainly, Hardy in -with, of course, Hawthorne from a wholly different air. . . . He has given many of his readers a bad conscience, and a bad conscience is the best thing a man can have. It may be the best thing that the world can have. At any rate, it can never be the same world it was before Tolstoy lived in it. Worse it may be, in mere shame and despair, or better in mere shame, but not imaginably the same. Such men do not die for all time. To the end of time they have their recurring palingenesis.

A Catholic Comment on Tolstoy's "Exaggerations"

"Tolstoy carried the doctrine of protest and revolt to extremes which, without his literary art, would have made his mission ridiculous and harmful and created grave suspicions of his mental sanity." This is the verdict of America, the Catholic weekly review (New York).

Tolstoy was a master in the art of writing. He had the power of seizing upon a sore in modern society, studying it with microscopic vision and picturing it with a clarity and strength of phrase which compelled wide attention. This power goes a long way to explain what else would be a mys-With this gift of keen observation and vivid portrayal the diary of a surgeon in the ulcer ward of a hospital could be made the most popular book in a dozen nations. Tolstoy had the gift; and he made it subserve the squinting and myopic deducand described with remarkable graphic intensity, well performed that mission.

The editor of this religious journal does not deny "a large measure of sincerity" to Tolstoy, but deprecates what he calls exaggerations, since "a whirling dervish among the conspicuous advocates of any good cause will inevitably injure that cause in the eyes of those who are best qualified to help it along."

"Last of the Nineteenth Century Giants"

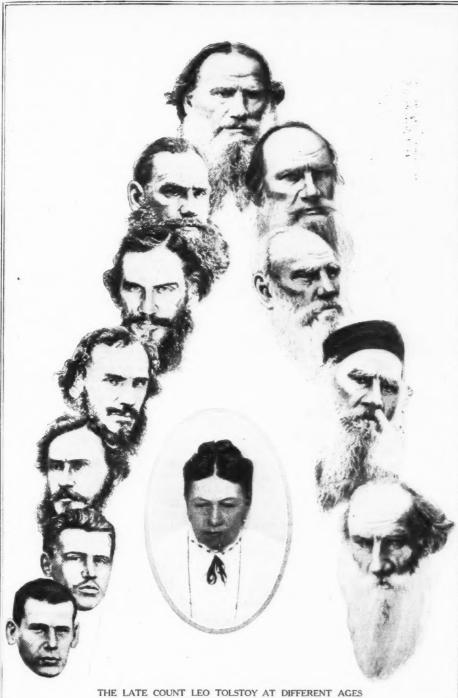
The comment of the critical literary journals agrees in the main with the opinions of Mr. Howells, as set forth above. The Dial characterizes Tolstoy as the "last of the Nineteenth Century Giants," and compares him to Shakespeare's King Lear. "His torn and indignant spirit could no longer bear to live among a people [Russians] fast lapsing into barbarism, a people that has well nigh forfeited all claim to be reckoned among civilized communities."

His reasoning was often childish, but his moral passion was overwhelming in its force. Thus, one need not accept the Tolstoyan conclusions to be a Tolstoyan in spirit, and those who upon purely intellectural grounds must maintain the attitude of antagonism may without shame pay the tribute of reverence to his whole-souled sincerity. His essential service was to persuade men to go straight to the heart of the fundamental problems of life, to strip them of their wrappings of custom and prejudice and tradition, and to solve them in the terms of an all-embracing human sympathy. The key to all these problems, Tolstoy held, was to be found in the gospels. He believed that Christianity-the literal teaching of its Founder-was workable. . . The voice is stilled, but the record remains.

Was Tolstoy the "Real True Christian of the Age"?

That Tolstoy was "the greatest thinker of this age of false philosophy" is the verdict of the Baba Bharati, the Hindoo sage from whose review "The Light of India," (formerly East and West) we have more than once quoted in these pages. The Baba prints a letter he received some years ago from the late Russian philosopher laying emphasis on the brotherhood of all mankind. was the real true Christian of the age, thinks Baba Bharati.

His convictions born of his firm grip of the inner laws of life the expressions of which are truths, which are changeless at all times, their forces dominated his consciousness, coursed through his blood, permeated the marrows of his old bones and built up his longevity. Tolstoy was a spiritual lion and when he roared out the truths of life, the other denizens of the world-jungle trembled and many scampered into their holes. A Saint at bottom, a true lover of God, his mission on earth was made it subserve the squinting and myopic deductor to turn his soul's X-ray upon the inward rottentions of an unsound brain from facts which he saw ness of the Church and Civilization and he has



THE LATE COUNT LEO TOLSTOY AT DIFFERENT AGES IN THE CENTER IS THE COUNTESS TOLSTOY

BRANDES, DENMARK'S FOREMOST PERSONALITY-



GEORG BRANDES, THE CELEBRATED DANISH CRITIC AND AUTHOR

DOETS have not infrequently become dominating influences in the life of a nation. a position in the life of his own nation. There were moments when the will of Hugo seemed to sway the destinies of France. crowned king of Norway." With the mass of son was the man with whom Brandes had his people, the word of Tolstoy went as far, most in common. In both he finds the same if not farther, than that of the Czar. But that happy faculty for catching life in the process such a position might be reached by a literary of growing, so to speak. Both have shown critic was never heard of until Anders Krog- the same restless craving to discover every-vig pointed out in Samtiden (Christiania), thing useful and bring it into light. And both that Georg Brandes, professor of literature have been deeply concerned by the relationat the University of Copenhagen, must be ship between their own peoples and the rest recognized as "the central personality of of the civilized world. Recently Brandes Denmark throughout an extended and event- has given much thought to the widely felt ful period." All the world now recognizes danger of Denmark's absorption by Ger-Brandes as the most eminent living Scandi-many. And he has sought an escape from navian.

artist should "sing and paint and carve what asset of his country.

he himself was familiar with." From poetry and art that demand for a new and more clear-eyed truthfulness spread to every field of human activity, until, to-day, the three kingdoms are fermenting with new life and new thought. Nor has the fructifying influence of the Danish thinker been restricted to the peoples descended from a common Norse stock. It has made itself felt in Germany and France, in England and Russia, in Italy and the United States. In fact, it may be said that before him no literary critic, with the possible exception of Taine, ever during his own lifetime assumed such a far-reaching international importance. Says Mr. Krogvig, speaking of the scope of the influence exercised by Brandes:

Georg Brandes is the only Danish author whose name may be written across a whole era in the Danish people's history. Even in fields like the political one, where he never tried to become a leader and where he very rarely asserted himself directly, one meets everywhere with the traces of his activity. From everything of importance that may be recorded in cultural, political, social and religious development, threads lead back to him. Throughout an entire human lifetime he has stood as the one overtowering figure in regard to whom every mentally matured Dane has had to take sides. He is the one man to whom everything and everybody must be related for proper understanding. It does not seem that a literary critic ever held such

In spite of all mutual antipathy between Björnson was popularly spoken of as "the un-their natures, Mr. Krogvig holds that Björnthis danger in a voluntary submission to an But the influence of Brandes does not only English protectorate. So far his countrymen extend beyond his own field. It has made have not shown themselves friendly to that itself powerfully felt outside the limits of his suggestion, and it remains to be seen whether own country. The renascence of Scandi- he can talk them around. He has done so navian literature is traceable to him. Real- before, in other matters, where the initial ism-not only in poetry but in any art-was antagonism between himself and the rest of unknown in the three Scandinavian countries the people was not less sharply accentuated. until he made his now famous plea that the He has become the most valuable natural

JOHN REDMOND ON WHAT IRELAND REALLY WANTS

JUST at this moment when the British to be permitted to take our place in the ranks of periodical press has been printing so much on "The Irish Dictator with American Dollars," it may be worth while to quote a few those other portions of the British Empire—some twenty-eight in number—which, in their own purely local affairs, are governed by free representative institutions of their own. sentences from the latest authoritative statement made by Mr. Redmond as to the After recounting the story of Ireland's aims and aspirations of the Irish Nationalist fight for a separate Parliament, Mr. Redparty. There is nothing new in what Mr. mond proceeds to describe, in doleful lan-Redmond tells us, in his article in Nash's guage, the retrogression of Irish life to-day. Magazine (London), but a restatement of the case in his own words will be useful. He says:

What Ireland wants is really so reasonable, so moderate, so commonplace in view of the experience of the nations, and especially of the British most costly in Europe. The total civil govern-Empire, that, once it is understood, all the fears ment of Scotland (with practically the same and arguments of honest opponents must vanish population) was in 1906 £2,477,000. The cost of into thin air. What Ireland wants is the restoration of responsible government, neither more nor language, that the government of every purely police costs exactly three times what the police Irish affair shall be controlled by the public of Scotland costs. The number of officials in opinion of Ireland, and by that alone. We do not Scotland is 963, with salaries amounting to £311,acy of the Imperial Parliament. We ask merely with salaries amounting to £1,412,520. Per head

Education admittedly is 50 per cent, below the standard of every European nation, and the taxation of the country per head of the population has doubled in fifty years, and by universal ad-mission the civil government of the country is the similar government in the same year in Ireland was £4,547,000. Ireland's judicial system costs less. The Irish demand is, in plain and popular £200,000 a year more than the Scotch. The Irish seek any alteration of the Constitution or suprem- ooo. The number of officials in Ireland is 4539,



MR. ASQUITH'S DOUBLE SHUFFLE

IRISH JACK (the cowboy): "Say, I guess you're dancing some, now, pard. And I guess you'll jest hev to dance a while yet-so long as I whistle the chune, anyway." From the Pall Mall Gazette (London)

of the population, the cost of the present government, labor, industries, taxation for local purment of Ireland is twice that of England, and is poses, law and justice, police, etc.), leaving to far higher than that of Norway, Holland, France, the Imperial Parliament, in which Ireland would Denmark, Portugal, Sweden, Italy, Spain, Rouprobably continue to be represented, but in smaller Austria-Hungary, Germany, or Russia. In other all Imperial affairs—army, navy, foreign relawords, Ireland, probably the poorest country in tions, Customs, Imperial taxation, matters per-Europe, pays more for her government than any other nation. The secret of the inefficiency and other nation. The secret of the inefficiency and those other questions which are Imperial and the extravagance is identical—namely, the fact not local in their nature; the Imperial Parthat it is a government not based upon the consent but maintained in actual opposition to the will of the governed.

sentences:

We want an Irish Parliament, with an executive Parliament, and charged with the management of will join hands to promote the well-being of their purely Irish affairs (land, education, local govern- common country.

mania, Bulgaria, Greece, Belgium, Switzerland, numbers, the management, just as at present, of taining to the Crown, the Colonies, and all liament also retaining an overriding supreme authority over the new Irish Legislature, such as it possesses to-day over the various Legislatures The article concludes with these vigorous in Canada, Australia, South Africa, and other portions of the empire. This is "what Ireland portions of the empire. This is "what Ireland wants." When she has obtained it a new era of prosperity and contentment will arise. As happened when Lord Durham's policy was carried responsible to it, created by act of the Imperial out in Canada, men of different races and creeds

DICKENS AS A SOCIAL REFORMER



DICKENS AT SIXTY. THE PORTRAIT TO BE USED AT THE CENTENNIAL

NGLISH periodicals are publishing a great many articles on Dickens and his general influence, apropos of the Dickens centennial. which will be celebrated next year all over the English-speaking world. A recent number of the London Bookman contains a suggestive article on the novelist and social reform by a well-known Dickens enthusiast, Mr. W. B. Matz.

Not only did Dickens make his novels the vehicle for the remedying of many of the social ills and abuses of his time, but it is known by his speeches and letters, writes Mr. Matz, how keenly he had these things at heart. Also we have further evidence that he used his pen vigorously toward the same end in anonymous contributions to Household Words and other periodicals. Take the questions of prison reform, education, the housing of the poor, and the proper care and welfare of children. On all these problems we find that Dickens gave utterance to sentiments and facts regarding them that might have been written within the last few years.

Education of the masses he looked upon as the panacea for most of the ills which beset life. In 1847 he wrote in an article on London crime that ignorance was the cause of the worst evils. advocated schools of industry where the simple knowledge learned from books could be made immediately applicable to the business of life, and directly conducive to order, cleanliness, punctuality, and economy. At the time of the cholera outbreak in 1854 he addressed a striking article to workingmen, in which he called upon them to assert themselves and combine and demand the improvement of the towns in which they live. But it was our prisons which were a sort of nightmare to him. Keep people from the contamination of the prisons at all costs. Teach children not only that the prison is a place to avoid; teach them how to avoid it. He also advocated the abolition of capital punishment, and though he was not successful in bringing about this change in the law, he was instrumental in doing away with public executions by a vigorous letter to the Times which started the agitation.

Mr. Matz strongly approves of the scheme put forward by the Strand Magazine, namely,

volumes they possess, the money accruing the benefit of humanity at large.

that there shall be a specially designed from the sale to be handed to the Dickens Dickens stamp issued at a penny for pur- family as a testimonial of the world's apprechasers to place in the covers of the Dickens ciation of what the great writer has done for

PETROLEUM IN PAN-AMERICA

esting a fashion as by Mr. Russell Hastings San Rafael, Mendoza. Millward in the Bulletin of the Pan-American Union. The remarkable progress in oil-production in this country is graphically illustrated by this writer in the following paragraph:

The total flow of oil in the United States for the year 1859, the first of which any official record has been kept, amounted to only 2000 barrels. For the year 1909 the production amounted to over 178,-000,000 barrels, which, if placed in a single body, would be sufficient to float a gigantic fleet of 935 Dreadnought battleships of the new 26,000-ton Arkansas type of the United States Navy.

And the accompanying table shows that to January 1, 1909, the production of oil in eighteen States of the United States dur-84,000,000,000 gallons.

STATE AND YEARS OF PRODUCTION.	Gallons.
Pennsylvania and New York, 1859 to 1909	698.009,862
Ohio, 1876 to 1909	377,108.902
California, 1876 to 1909	246,820,562
West Virginia, 1876 to 1909	194.562.894
Texas, 1889 to 1909	129.026.455
Indiana 1889 to 1909	93,411,140
Oklahoma, 1891 to 1909 /	90.883,206
Illinois, 1889 to 1909	62,551,789
Kansas, 1859 to 1909	44.158.931
Louisiana, 1902 to 1909	34.248.641
Colorado, 1887 to 1909	9.253,938
Kentucky and Tennessee, 1883 to 1909	6.004.345
Wyoming and Utah, 1894 to 1909	103.560
Missouri and Michigan, 1889 to 1909	36.917
Total (Tinited States 19 States)	1 096 190 049

continent is not confined to the United States, ing been received from the United States in Petroleum has been found both in Central the year ending June 30, 1909. The asphalt and in South America; and Mr. Millward gathered for about seven years at Mariel, gives a comprehensive survey of the various near Havana, is used in London and Chicago oil-producing countries, which we condense for the paving of streets. for the readers of the REVIEW.

INCREASING PRODUCTION IN ARGENTINA

HE romantic history of the development ably with that of Ohio and Pennsylvania. of the oil industry in North America has An English company has a well of high-grade often been narrated, but seldom in so inter- oil, flowing at the rate of 80 barrels daily, at

BRAZIL'S NEW DISCOVERY

Although asphalt of various grades has been found and largely used in manufactures in the republic, it was only quite recently that petroleum was discovered. A company is being organized to develop the industry in the district of Ibitinga, Sao Paulo. Extensive deposits of lignite occur at Camamu, on the Marahu River, from a ton of which three barrels of oil can be produced.

GREAT PROSPECTS IN CHILE

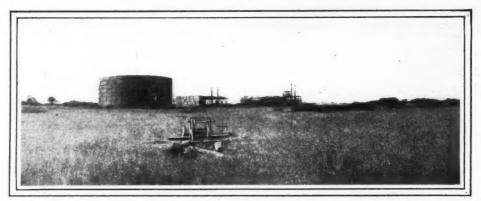
Until recently crude oil has been imported ing the previous fifty years reached the enor- for use on the Taltal Railway, but an Amermous total of nearly 2,000,000,000 barrels, or ican company has now brought in a 500barrel well at Carelmapu, 500 miles south of Barrels of 42 Valparaiso, and experts report that this field will, under proper development, become one of the world's great producers of high-grade petroleum.

ASPHALT IN CUBA

In 1881 five wells of excellent naphtha were sunk at depths from 300 to 800 feet, and for many years they have been profitably worked; but crude oil for refining on the island But the production of oil on the American is largely imported, 5,493,314 gallons hav-

ALREADY A LARGE BUSINESS IN MEXICO

Although petroleum has long been known After three years of persistent effort and to exist, systematic exploration of the Mexexploration, a spring of petroleum, at a depth ican oil fields has extended over a period little of 1738 feet, and several producing wells are more than six years. There is, however, every now being worked by the government and indication that the republic will take a leadby one private company at Comodoro Riva- ing place in the production and refining of diva, Chubut. The product compares favor- petroleum. Wells have been brought in at



OIL WORKS IN NORTHERN MEXICO

Juan Casiana (2400 bbls. daily), near the exhausted. At night the light from this gusher Panuco River, about fifteen miles from Tamwas visible for more than a hundred miles at sea, Panuco River, about fifteen miles from Tampico (500 bbls.), and one of liquid asphalt (400 of seventeen miles. bbls.), near the Tamesi River. A company that has acquired 400,000 acres at El Elbano, On the Isthmus of Tehuantepec about 25 30 miles from Tampico, has developed thirtyfive wells (6000 bbls.), and the oil is used on the national railways of Mexico as fuel for refinery at Minatitlan. In 1908 the total oil the locomotives. It was near San Geronimo that "Dos Bocas," the greatest gusher in the history of the oil industry, was brought in on July 4, 1908.

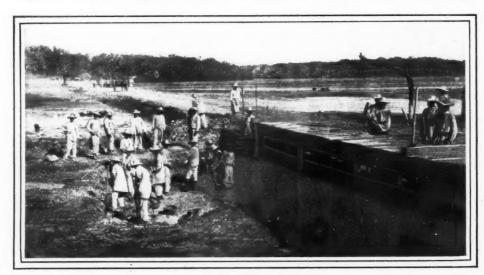
This immediately caught fire, and burned for a period of fifty-seven days, during which time the flames mounted to heights ranging from 800 to 1500 feet and measured forty to seventy-five feet in width, and it has been variously estimated that from 60,000 to 500,000 barrels of oil were consumed

and newspapers could be clearly read at a distance

wells have been sunk, and the product (500 bbls.) is conveyed to miles by pipe line to a production of Mexico was 3,481,410 barrels, and in 1909, 27,554,581 gallons of crude oil were imported from the United States.

A GROWING BUSINESS IN PERU

For the calendar year 1908 the total petroleum production in Peru was 1.011.180 barrels. Steamers between Callao and Panama, daily before the fire was extinguished and the fields making 19 knots an hour, burn Peruvian



A NAPHTHA LAKE IN MEXICO

crude oil. Refined Peruvian oil products during the dry season—January-June—prohave taken gold medals at Lima, Quito, duces over 20,000 tons of asphalt. From Zorritos district, and in Punta Lobitos, over this district. Petroleum also is found in 60 wells, producing annually 500,000 barrels. abundance in several districts. In the Negritos district over 250 wells have an aggregate flow of 500,000 barrels annually. A remarkable asphalt deposit, about eleven miles from Negritos, the product of which is

VENEZUELA'S ASPHALT RICHES

posits are found here. The Guanoco lake shoe-polish.

Berlin, and San Francisco. Since 1883 over July to December, 1909, 17,000 tons of crude 300 producing wells have been sunk in the asphalt, valued at \$85,000, were shipped from

IN OTHER LATIN AMERICAN LANDS

Petroleum exists in the Dominican Reevaporated for asphaltic paint, is known as public, in Ecuador, Guatemala, Haiti, Panthe "Brea Asphalt Flow." public, in Ecuador, Guatemala, Haiti, Panthe "Brea Asphalt Flow." not been opened for production or they have been worked only to a limited extent. The uses of petroleum are almost unlimited, rang-Some of the world's greatest asphalt de- ing from fuel for battleships to the humble

HEAD-HUNTING SUBJECTS OF THE UNITED STATES

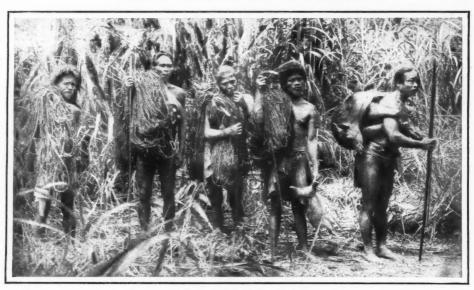
brought home to us by no less an authority rows' own notice or investigation: than Dr. David P. Barrows, of the University of California, formerly chief of the Bureau of Vizcaya, informed me that four women had been Education in the Philippines. Dr. Barrows, In March of the same year, a party of Ilongot writing in the *Popular Science Monthly*, states that although head-hunting has been particularly associated with the Igorot peoples and took the heads of four. In November, 1901, near the barrio of Kita Kita, Nueva Ecija, an of the Cordillera of Luzon, the most persistent and dreaded headhunters are a forest-dwelling people in the almost impenetrable mountain region at the junction of the Sierra Madre of schools, saw the bodies of two men and a woman range with the Caraballo Sur, on that island. They have been called by so many different names that several writers have erroneously described them as different peoples; Dr. Bar- apex at the collar bone and the lower points at the rows designates them "the Ilongot or Ibilao nipples, through which the heart and lungs had of Luzon.

Almost nothing is known of the Ilongot till late in the Spanish rule of the Philippines. In the records of several small mission stathe Pampanga in the latter half of the eighteenth century, references are made to the "Ilongotes" of the mountains to the east; Nothing was done by the Spaniards to and they are variously described as "sav-subdue or civilize these people; but since the

T is not pleasant to have to admit that, follow them, they "steal out of the forests after nearly twelve years of American to fall upon the wayfarer or resident of the occupation, the grewsome practice of taking valley and leave him a beheaded and dishuman heads is still common in at least one membered corpse." The following are a few of the Philippine Islands; but the fact is instances which have come under Dr. Bar-

Non-Christian Tribes and Superintendent of killed while fishing a short distance from the town. old man and two boys were killed, while a little earlier two men were attacked on the road above Karanglan, one killed and his head taken. In January, 1902, Mr. Thomson, the superintendent on the road, six miles south of Karanglan, who had been killed only a few moments before. The heads of these victims had been taken and their breasts completely opened by a triangular excision, the been removed and carried away. As late as a year ago (1909), on the trail to San Jose and Punkan, I saw the spot where shortly before four men were murdered by Ilongot from the "Biruk district." These men were carrying two large cans of "bino" tions, established along the upper waters of or native distilled liquor, from which the Ilongot imbibed, with the result that three of their party were found drunk on the trail and were captured.

Nothing was done by the Spaniards to ages," "treacherous murderers," and "canni- American occupation progress has been made bals," and as being wholly untamable. Dr. in the knowledge and control of them. In Barrows says they have continued much the 1902 Dr. Barrows himself made a visit to one same to the present day. From their homes of their communities; in 1906 Mr. Dean C. in the thick jungle, where it is difficult to Worcester, then Secretary of the Interior,



AN ILONGOT HUNTING PARTY

(The large nets carried by members of the party are stretched in the jungle across the game trails and animals are driven into them)

filthy Ilongot and some fine Negritos"; and from the spring of 1008 Dr. William Iones, of the Field Columbian Museum, lived for nearly a year with the Ilongot of the Upper Kagayan, and was then killed by them.

In May, 1909, Dr. Barrows, accompanied by Lieutenant Coon and six native soldiers, ornamented with very tasteful carving. visited the Ilongot community of Patakgao, which he describes as "composed of renegades and outlaws from several other communities, whose hand was against every man."

A good general idea of the Ilongot as a people may be gleaned from the following passage in Dr. Barrows' interesting article:

Ilongot can not be said to live in villages, for the spirits. their houses are not closely grouped, but are scattered about within hallooing distance on the slopes of cañons where clearings have been made. Each little locality has its name and is usually occupied by families with blood or social ties between them, and several such localities within a few hours travel of one another form a friendly group. Outside of this group all other Ilongot as well as all other peoples are blood enemies, to be hunted, murdered and decapitated as occasion permits.

Of the physical characteristics and social life of the Ilongot we read:

Their physical type is rather unlike that of any other Philippine people. The men are small, with long bodies and very short legs, weak, effeminate A man may during his life take three, four, or faces, occasionally bearded. Their color is brown.

visited Dumbato, where he found "a few Both men and women wear the long rattan waist belt, wound many times about the loins, with clouts and skirts of beaten bark cloth. They support life by cultivating a forest clearing. Their crops are rice, sweet potatoes, taro, maize, squash, bananas, tapioca, and, in some places, sugar-cane and tobacco. They are good gardeners; but all their cultivation is by hand, their tools being a short hoe and a wooden planting-stick, which is homes are of two sorts: low wretched hovels two or three feet from the ground, and really wellconstructed houses fully twelve feet above the ground set on posts or piles. Their arms are the spear, the jungle-knife, the bow and arrow, and a shield of light wood. They use the ingenious arrow of the Negrito with point attached by a long cord of rattan to the shaft, which separates and, dragging behind the transfixed animal, impedes its escape. When they climb the trees they sing to escape.

> Of their political development Dr. Barrows writes:

> There is no tribe. There is no chieftainship. There are no social classes. It is customary to hold a council called "pogon," but this is without definite constitution. The institutionless communities of the Ilongot are centuries of development behind the political life of the Igorot.

The taking of human heads is not only an act of vengeance, but is obligatory on other occasions. An Ilongot once told Dr. Barrows:

before he marries. This head he carries to the heart and body are strong to defend her.

head is very desirable to place on top of this tion, and to find the right sort of American pole." The Ilongot of Patakgao have no teacher, who shall have jurisdiction over the piedno" (Infierno).

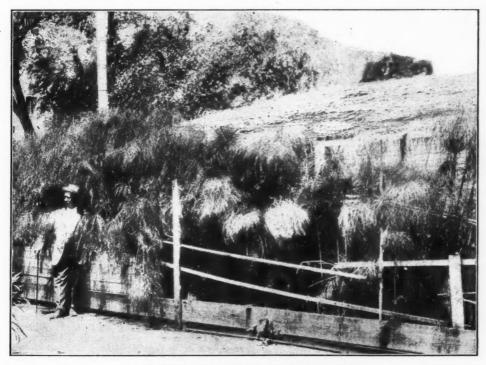
What is to be done with the Ilongot? As relations of his intended wife to prove that his Dr. Barrows observes, such a people are a problem to the government. They cannot be After the palay harvest, the bundles of un- allowed to continue to harass and murder; threshed rice are neatly piled about a stake, and humanity does not permit their exterand then, "for some ungodly reason, a human mination. The solution seems to be educaword for heaven, but they speak of "Im- Ilongot villages in his district. But such a teacher will take his life in his hands.

MODERN CULTIVATION OF PAPYRUS

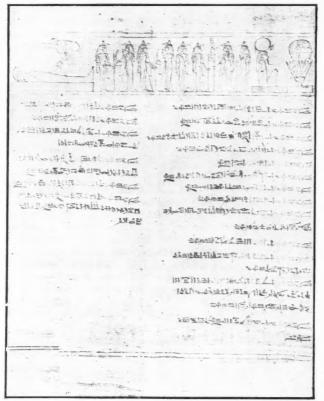
alternifolius; another is the Cyperus corym- famous plant: bosus, widely used in India for mats; but the

WHILE the forests of the New World are of the Nile, and made Egypt the great and being ransacked to discover trees suit-able for conversion into pulp for paper, comes izations that existed in the East thousands of the news that, after having been a lost art for years before the Christian Era, was the Cymore than a thousand years, the cultivation perus papyrus, around which clusters the of the papyrus has been successfully revived glamor of the ages, and by whose aid alone in its ancient home in the Old World. There the records of dynasties long crumbled to dust are several species of papyrus, all of them have been preserved from oblivion. An acbelonging to the order Cyperaceæ. One of count of the revival of papyrus-growing is them is the common house plant, the um- contributed to the London Graphic by Mr. brella palm, known to botanists as Cyperus Horace Vickars Rees, who thus describes the

It is a fibrous reed which attains a height of wonderful reed that flourished on the banks from twelve to fourteen feet in a surprisingly short



PAPYRUS AS CULTIVATED IN MODERN EGYPT



A FAMOUS PAPYRUS OF ANTIQUITY (Now in the British Museum)

Egyptians for a variety of useful purposes besides the manufacture of the crude, but all-enduring, papyri rolls which modern researches have brought to light. From the fibrous layers of the stem they "The paper reeds by the brooks . . . and made mats, sails, cordage, sandals, cloth, and even everything sown by the brooks, shall wither away light boats and skiffs to navigate the shallows of

Nor did the Egyptians neglect its head of brownish flowers, which Strabo describes as a "plume of feathers," and Pliny aptly compares to the Thyrsus of Bacchic fame, it being utilized in the form of garlands to adorn the shrines of the gods.

the manufacture of a kind of paper. Strips of the pith were placed side by side on a flat surface, and over this layer was placed a second at right angles to the first, the whole being then pressed into a sheet to the formation of which the natural gum of the plant tion of which the natural gum of the plant bringing back to the Nile Delta the long-lost reed materially contributed, and, when dried, the of wondrous quality. Time, money and detersheet was ready for use. On the earliest monmination have at length reaped their reward, and rectangular sheets, rolled, and tied with a recently received from Egyptian the cultivation of are able to present, the revival of the cultivation of

longer rolled, but was used in square pages bound together like modern books. The rolls and sheets varied considerably as to dimensions. In some cases-for burial with the dead—they reached 144 feet in length. The Theban Book of the Dead, now in the British Museum, consists of a papyrus roll 122 feet long and about 201/2 inches wide. The earliest papyrus to which a date can be assigned is little later than 3600 B.C. Quoting Mr. Rees again:

No commodity was more highly prized amongst neighboring nations than the crude sheets manufactured by the Egyptians and pasted together to form the rolls of papyri, and great was the wealth that flowed to the coffers of Egypt in consequence of the commerce it produced. For a long time the city of Alexandria jealously monopolized the privilege of paper-making, and was thus enabled to supply the needs of surrounding countries and to collect a library of world-wide renown for herself.

The haughty refusal of the Egyptians to supply it to certain potentates was one of the causes which led to the employment of whilom customers of other substances, and by the

space of time, and was utilized by the ancient time of Charlemagne papyrus had fallen from its high estate, and was no longer known to Europe. As the Prophet Isaiah had foretold among the tribulations destined to fall on the recreant Egyptians, and be no more.'

It was the ominous warning of the experts concerning the near approach of a paper famine, owing to the rapid demolition of the world's forests, that caused certain adventurous spirits to determine upon an attempt The chief use of the plant, however, was in at the resuscitation of the reed which made old Egypt great and famous. We read:

The task was entrusted to the well-known explorer and traveler, Mr. J. Smedley Norton, F. R. S. L., and for several years past this pioneer has been making travels and researches in the interior and amongst the Arabs for the purpose of uments the papryus is represented in long to-day, to judge by reports and the photographs string. At a much later period it was no Papyrus in the Nile Delta is an accomplished fact.

reaped, and the produce gathered under Mr. Norton's directions, and transmitted to a well-known English paper-mill, where it has been manufactured into paper of excellent quality, which has already been utilized in the printing press with every success. Both the raw material and the finished article have been tested and favorably reported upon by the leading paper experts, and it is apparent that capital and enterprise are alone needed to mainly placed for the world's supply of paperdevelop the industry to enormous dimensions.

remarkable plant, perhaps nothing is more nish nearly one hundred tons to the acre.

A plantation near Alexandria has been sown, striking than the fact that after the lapse of 1000 years paper should be made from its fibers by modern machinery. And, as Mr. Rees points out, there are two very important commercial considerations connected with the revial of the cultivation of the papyrus: trees supplying wood-pulp, on which reliance is making material, require from forty to fifty years to attain maturity; a field of papyrus Among all the romance attaching to this will yield three crops annually, and can fur-

JAPAN'S MODERNIZED CAPITAL

THOSE familiar with the general aspect of the imperial capital of Japan in former times would hardly recognize it to-day, so marvelous and rapid a transformation has it recently undergone," writes Mr. Benjiro Kusakabe, the chief engineer of the city, in the Japan Magazine. The quaint old structures given place to elegant new buildings and to modern facilities, foremost among the latter being the electric car system. It was in fact the installation of the latter which, more than anything else, hastened the modernization of The widening and straightening of the streets, to admit of the operation of the lines, necessitated the removal of many old buildings and in turn led to the construction of many new ones. The car lines have resulted in an enormous extension of travel and traffic, the fare of four sen (two cents) enabling a passenger to ride to any part of the

Tokyo has running through it no fewer than fifty-six streams and canals, and the number of bridges spanning them is about 480. We read:

Of these, 166 are of stone, 26 are of iron, and 289 are of wood. The most famous of them is known as Nihonbashi, or Japan Bridge; all distances in the Empire are measured from this spot. This bridge is now under reconstruction, and when completed, a year hence, it will be a magnificent double-arched structure of granite, 162 feet long by 90 feet wide.

Tokyo is divided into two parts by the definitely postponed." Sumida River, a stream some 600 feet wide, Thames is to London. The important question of breathing-spaces has not been neglected. To quote Mr. Kusakabe further:

The three great lungs of Tokyo are parks of considerable acreage:

Shiba Park, where are the tombs of the Tokugawa Shoguns; Uyeno Park, which was also formerly a temple enclosure; and Hibiya Park, a beautiful tract lately planted and laid out in Occidental style in the heart of the city. Eighteen other parks of smaller dimensions will in time be laid out in various parts of the capital.

The improvement works have necessitated and the primitive methods of locomotion have the filling up of most of the old moats which were a notable feature of Tokyo. In the matter of drainage, Tokyo is not well off. A better system is needed; but the contemplated outlay is about 36,000,000 yen (1 yen = $99^{1/2}$) cents), and owing to lack of funds the work has had to be postponed. At present the city has to be content with surface drainage; but as all ordure is disposed of by manual labor, this system is not so dangerous as might at first appear.

Tokyo possesses a magnificent system of waterworks. The supply of water is obtained from Lake Inokami, about 15 miles from the city; and the works are calculated to supply each inhabitant with 4 cubic feet of water a day. Begun in 1882, the system was not completed till 1898, the total cost being about 10,000,000 yen.

Plans have been proposed for harbor construction and improvement, which, if carried into effect, would make Tokyo one of the finest ports in the world. There are to be two harbors, an inner and an outer, connection between the two being maintained by canal. Unfortunately "it is probable that for lack of the wherewithal these plans will be in-

The new buildings erected in Tokyo were which is to the Japanese capital what the in several instances designed after Western models, and they combine architectural beauty with stability in a remarkable degree. Mr. Kusakabe says of them:

> Among the more remarkable of these are the new theater for wrestlers and the new National Thea-



A STREET IN MODERN TOKYO

(Note the American-made trolley cars)

new palace of the Imperial Crown Prince of Japan, reality one of the finest capitals of the world.

ter. The former is an institution peculiar to Japan, both in architecture and cost the finest building in and the sport, much enjoyed by the populace, is on the Empire, and with an interior of exceeding magthe whole more healthy and refined than a bull-nificence. The new Department of Communication fight or a prizefight. The new National Theater building, recently finished, is also a massive pile is an imposing structure, steel-ribbed and of brick of imposing appearance. . . Indeed, when and stone; and the interior style and appointall the new buildings, now either in course of comments are second to none in Europe or America. struction or contemplated in the near future, are . . . Mention might well be made, too, of the completed, Tokyo will be both in appearance and

NEWSPAPER ENTERPRISE IN CHINA

THERE are several so-called Western in- an article in World's Work, (London). ventions for which a more or less satisfactory claim of priority can be made for China; e. g. the telephone, gunpowder, and the mariner's compass. But China's claim high dignitaries as have been accorded the privito have the oldest newspaper is beyond dispute. For nearly twelve hundred years the Tching-pao (News of the Capital), or, as it is official organ of the Government. commonly known to Westerners, the Peking Gazette, has been issued daily. According to Mr. Franklin Ohlinger, who writes provincial capitals, there was nothing in the

its twenty-odd octavo pages still make their regular appearance, filled with imperial decrees, notices of appointments, and memorials from such lege of addressing the throne. These leaves are loosely stitched together in a cover of imperial yellow, which distinguishes the publication as the

Though the Gazette had its imitators in the

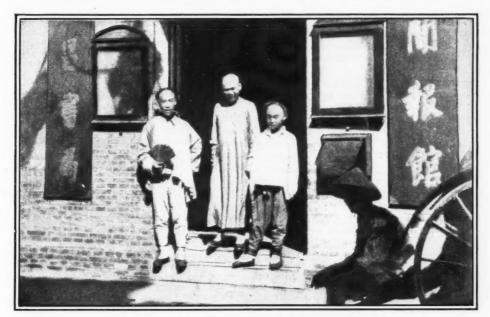
way of criticism in the direction of molding papers in the modern sense of the word come and commerce of China, had for several to be printed in Chinese. From the publica- years been maintained at Shanghai by the tion of religious books the missionaries soon chambers of commerce of the leading Japtelligencer and the Christian Advocate, both and now Japanese enterprise started new of Shanghai, were instituted.

It was, however, the uprising of 1900 that

The occupation of Peking by foreign armies, punitive expeditions, all combined to shatter the traditional notions of their own superiority which had so long been entertained by the Chinese. tion of the British flag, although the persons They were now willing and anxious to learn the of the editors are still subject to Chinese sources of Western efficiency. . . . In 1905 it was authority; and many a too-outspoken editor estimated that no less than six hundred treatises has been exiled to the bleak deserts of Monon scientific subjects had been translated from golia or subjected to punishment more severe foreign languages into Chinese. Students were golia or subjected to punishment more severe. sent abroad in great numbers. In 1897, Commissioner McLeavy Brown had established the rapidly in the interior of China that statistics Chinese imperial post and had put into effect a schedule of postal rates which was probably the lowest in the world. Thus, both the demand and

It was the Japanese who first appreciated public opinion or of giving general informa- the opportunities afforded by the new condi-Not until Christian missions were tions. A college, where Japanese youths established in the Middle Kingdom did news- were instructed in the geography, resources, branched out into journalism. Of their anese cities, and Japanese interest had religious papers, the Chinese Christian In- owned the Universal Gazette of Shanghai; of them published in Shanghai, are the prin- journals at Foochow, Hankow, and other cipal ones. These were so successful that important cities. At the present time the the Sin Wan Pao (Daily Chronicle) and the British and Germans each control a news-Tung Pao (Eastern Times), the oldest dailies paper in Peking, and the French L'Impartial at Tientsin is a semi-official organ.

Unfavorable comment has been suppressed gave the greatest impetus to journalism in in so arbitrary a manner in the past that a China. To quote from Mr. Ohlinger's article: favorite plan now is for the Chinese to apply for a charter of incorporation from the Britthe flight of the imperial court, and the terrible ish Crown Colony of Hong-kong. This entitles the newspaper company to the protection of the British flag, although the persons golia or subjected to punishment more severe. of the newspaper press of the entire country cannot be obtained. It is known, however, the facilities for a secular press had come into being. that Shanghai has eight dailies, Peking and



OFFICE AND STAFF OF THE "SIN-WAN-PAO" OF SHANGHAI

(The editor is on the left, smoking, the assistant in the center and the "copy boy" on the right)

Tientsin five each, Hankow three, and Foo- scribers, boys being employed to gather up the chow two. As regards the printing operation them to another set of readers. . . . The Chinese tions, human power still being the cheapest, dailies usually sell for seven or eight cash a copy the presses, which like most of the other [a little less than half a cent]. equipment, come from Japan, are operated by men who receive about two dollars a month. As Chinese has no alphabet, the cial interference, the criticisms of the powers type is necessarily a much larger item in the that be are exceedingly free; one editorial, expenses than with us. To quote Mr. cited by Mr. Ohlinger, going so far as to in-Ohlinger further:

Even with this saving, the poverty of the people often makes original methods of circulation necescessively distributed to different sets of sub- what was once slow old China.

Notwithstanding the arbitrariness of offiform the Provincial Assembly that "whenever the editors deem it advisable, they will The paper is usually the poorest quality of express their own views of the course taken tissue that will hold ink; it also comes from Japan. by the Assembly as a whole or by any individual member." Nothing could more sary. In some places the same editions are suc-

THE RELIGIOUS SITUATION IN FRANCE

religious affairs in France is contributed to the Hibbert Journal, by the well-known French philosophic and religious writer, M. Paul Sabatier. Rome, this writer contends. has alienated the respect and confidence of the French clergy, and their obedience to the Vatican is now rendered "in darkness and discouragement." Meanwhile the laity have taken a neutral attitude, accepting neither the "puerile explanations" of Rome on the one hand, nor the sterile teachings of "Free Thought" on the other.

M. Sabatier does not consider the political aspect of the problem resulting from the separation of Church and State in the republic. He treats only of what he terms the sentatives. moral crisis through which both the French

clergy and the laity are passing.

"For the nonce," he says, "Rome commands and they obey, but obedience is rendered in gloom and depression. There exists no longer between the command received and the soul bound to fulfill it, the deep preëstablished harmony which alone can inspire perfect obedience and an enthusiasm strong enough to surmount all obstacles." most important factor in the religious situation of France, says M. Sabatier, is, without a doubt, the teachings of Free Thought.

It is a movement inspired by the priests who have "broken" with Rome and who are endeavoring to establish and organize an Anti-Church in which the principles of truth would be embodied in opposition to the dogmas of the Catholic Churchother dogmas diametrically opposed to them. In Thought, which preaches easy pleasure, living from other respects it presents an organization, a hierarchy, even a liturgy, patterned upon that of the of heroism, it stands reserved—equally removed Church. While the arbitrary proceedings of the from the one as from the other.

CAREFUL analysis of the "crisis" in Curia, the incapacity of some of the clergy, and the scandal some of them have given here and there have helped to swell the ranks of Free Thought. those ranks are being as rapidly deserted by those for whom freedom and thought are not mere meaningless words. For them anti-clerical infallibility proves far more oppressive than Roman infalli-

> In considering the situation of the Catholic Church in its moral aspect, this writer goes on, it is important not to confound the Church with the Holy See.

> The latter, like other governments is apt to forget the limits of its rule and is wont to act as if it were the Church herself. . . . It would be unjust to make the Church responsible for the mistakes and shortsightedness of some of her repre-

> The anguish which fills the hearts of so many French Catholics is not due to loss of faith, M. Sabatier maintains, nor to "deviation from righteousness of conduct, nor to weakening of purpose-but because of the strength with which they have loved their country and have tried to live in their time."

They are passing through a purely moral crisis, The far graver than that of philosophic and scientific modernism. Modernism, in all this, counts for nothing. Neither bishops, priests, or the laity whose trials we have had in mind, have become contaminated by the famous heresy. Meanwhile, the great majority of the people in France is waiting. They feel that another period in its history is about to unfold,-that the temple has to be rebuilt. Neither accepting the simple explanations of the mysteries of life and of duty offered by the Church of Rome, nor tempted by the teachings of Free day to day, the stupidity of self-denial, of love and

THE NEED OF ECONOMIZING

WITH OTHER NEWS OF BUSINESS AND INVESTMENT

Savings Withdrawn

condition I'm willing to tell you that our dettion with \$20,000,000 deposits. posits did fall off this summer in the most

astonishing way."

Everywhere the REVIEW OF REVIEWS inquirers went they met similar replies. Their \mathbf{F}^{OLKS} who hate statistics may wonder careful canvass was being made to anticipate \mathbf{F}^{OLKS} why the savings institutions of New York people always find these figures significant. not include Brooklyn at all). For every business man, investor and student barometer. This year the report is awaited the sum total of all American savings banks with real anxiety.

Since the spring, great enterprises have

by political suspicions, or Supreme Court law to nominal amounts.

REVIEW OF REVIEWS canvass among the New reduction and withdrawal of deposits. York County savings banks revealed, in al- Of course, the reason for the sudden commost every case, a tendency on the part of mencement of a withdrawal movement on depositors to take more money out than they July 1st is to be found in the payments of put in. No less than \$3,000,000 had been semiannual interest on that date. Many, withdrawn, during July and August, from one probably most, of the depositors who can-

of the \$100,000,000 savings institutions in New York County. From another big one ON'T mention my name" begged one approximately the same sum had been New York savings-bank president after removed in about the same period. A another when interviewed last month by \$60,000,000 bank had lost \$2,000,000; a representatives of this department. "Don't \$30,000,000 one, \$1,000,000; and nearly as identify my bank in your story; under that much had been withdrawn from an institu-

The Center of Savings Banks

the report of the Banking Superintendent of County are taken so seriously. They may be New York State that will show the condi-surprised to learn that 20 per cent.—a full tion of savings banks on January 1, 1911, as fifth—of the entire savings bank deposits of compared with six months before. Financial the nation are in this county (which does

Only thirty-two banks are situated here; of conditions, the flow of money into savings but they contain savings of no less than banks, or out of them, forms an excellent \$806,000,000, which is just about one fifth of

-\$4,070,400,000.

Moreover, these are institutions for savings been checked or curtailed or abandoned purely. They do no commercial business "through lack of capital." Capitalists have whatever. Each of them was founded as a been unwilling to buy securities in a big way. help to thrifty wage-earners. The average Small investors, the kind that keep their eyes regulations read that no single deposit may be open, have profited through the low prices more than \$3,000 and that no more than \$500 may be deposited between any two interest No country can prosper, however, that does dates. No ulterior causes can exist that not go ahead. The refusal of the professional might radically complicate the returns. New investor, whether trust company or "mag-York County savings banks are not stock nate," to take the new blocks of bonds that companies. They are controlled by trustees would soon have represented new railroad who are paid nothing for their services—who tracks and cars, new factories and public accept their positions as the community's works, is the fundamental cause, in the final tributes to honesty and ability. Even the analysis, of complaint. It may be affected salaries of clerks and officials are held down

suits in suspense, or public opposition to cer"Have not some of the banks reduced their tain corporations and corporation methods, interest rates?" is a natural suggestion to But no real check to the flow of capital into explain the falling off of deposits. Examinahonest and productive enterprises can contion proves, however, that those banks which tinue—unless it be that American wage-earn-retained a 4 per cent. rate lost as heavily as ers are spending more than they are saving. those that had come down to 3½. There It means a good deal, therefore, that the seems to be no connection between interest

to do so previous to July 1st, but were not ment brokers, to take their money out and willing to lose their interest. Indeed, several buy bonds—now selling so much lower than of the presidents remarked that they heard last year. As for such folks, however, of much borrowing, just before July 1st, on "their room is more welcome than their comsavings-bank "books" as security.

Higher Prices, Lower Deposits

posits of the United States seemed to have tinued for six months, enough capital would sustained a loss in deposits following July have been saved to last the country several 1st—the only exceptions being banks in new years. territories which had previously lacked sav-

ings facilities entirely?

John J. Pulleyn, controller of the Emigrant A NOTHER test of economizing, even more Industrial Savings Bank "combination of the Emigrant A significant than the flow of "Strikes of various kinds are partly responsible for this state of things," suggested however, report a dull six months. If it be and the like that Europe sells us. true that the butcher's bill and the shopping fund and the rent payments have increased of things like diamonds and other precious in the average family to a point where the stones, silks and the like, fall off abruptly. savings-bank account cannot be built up but Contrariwise, everybody knew, when it was must actually be drawn upon—it is time the announced a little over a year ago that our nation knew it.

a cause for deposit losses by President Quin- perous-or at least thought it was. lan of the Greenwich Savings Bank. President Charles E. Sprague of the Union Dime the imports of merchandise into America Savings Bank had diagnosed the cause of with- this year have been tremendous. The foldrawals as the desire of the average citizen to lowing table compares the total for the tenregulate his expenditures according to the month period ending October 31st this year income of his neighbor. The nation's extrav- with each of the five years preceding: agance, he believed, had reached that point where men and women fall back upon their last resort—the savings bank—to clean up

their indebtedness.

A similar conclusion had been reached by President Felsinger of the New York Savings Bank. The payment of old loans and debts, he felt, was the chief factor. He believed, by hundreds of millions, than those in 1905, however, that although his depositors had 1906, or 1908, but they are a hundred milnot been earning as much as in 1906 and lions greater than any of the preceding years 1908, they had, after all, been discovering except 1907—which was a time of trouble.

how to live within their means.

the last phenomenon is an indirect result in November, 1907. of the reductions of interest rates made in Moreover, some signs of economizing can some quarters. This has led wealthy people, be deduced from the following table, which

celed or lessened their accounts had intended who employ savings banks merely as investpany," as any president of such a savingsbank will tell you. His institution is for the encouragement of thrift and frugality, not for the convenience of rich people.

Last month a prominent New York banker savings institution in the county which remarked that a tremendous "retrenchcontains one fifth of the savings-bank de-ment" was visible to him; and that if it con-

Our Accounts with Europe

Industrial Savings Bank, "combined with and out of the savings banks in America, is the high prices of foods and other factors of the flow of corn, wheat, cattle, oil and other living. Some small amounts of money may American products to Europe, as compared have gone into real estate." Real estate men, with the inflow of the manufactured goods

At a time like 1907, imports into America imports of precious stones had broken all "Out of work" was likewise referred to as records, that the country was highly pros-

It is discouraging, therefore, to find that

1910.										,	,	\$1,296,226,777
1909.								,				1,196,267,707
1908.									٠		-	900,538,278
1907.		٠		٠	٠	٠				٠		1,219,984,920
1906.								۰	۰			1,066,395,469
1905.							٠					779,717,437

Not only are this year's imports greater,

Fortunately, American manufacturers have That is the cheerful side. In the couple been breaking all records at selling their of months past, the number of savings-bank goods abroad. Our November "merchandepositors has been growing—even though dise exports" ran up to \$206,000,000—against the sums they pass through the window have, \$196,000,000 last November, \$161,000,000 on an average, run smaller. To some degree the year before, and only \$204,000,000 even

shows the merchandise imports month by have run up a total of borrowings from of this year:

November, 1910\$130,361,388
October
September
August
July117,315,315
June119,876,876
May118,837,837
April
March
February 130,117,980
January133,670,278
December 1909138,744,244
November

Beginning with May, apparently, this country began to use less European merchandise.

On the other hand American exports, instead of swelling to meet the added debt to Europe, have actually been less than for

many years past.

Take the eleven-month period up to the first of last month. The strength of America, as a trader among the nations, has lain in its exports of "natural resources,"-corn, wheat, flour, meat and dairy products, cattle, cotton and mineral oils. But the ten-year table below, contrasting the eleven-months' figures of such exports with those of the same periods in previous years, show the total this year to be the lowest since 1904:

1910	\$697,902,646
1909	
1908	800,509,848
1907	841,287,850
1906	785,443,214
1905	703,569,134
1904	647,439,647
1903	726,193,738
1902	642,057,158
1901	779,652,752

a pleasant year for American industry.

"Invisible" Debts

MHY do the financial writers warn so solemnly of "our growing debt to Europe," when the figures show that our exports thither balance. His figures are particularly internearly always exceed our imports thence?

The catch in this international affair has small excess of exports over imports. disgusted a great many people with the whole science of applied economics. Yet it from European investors. This amounts to

is entirely simple.

Whichever is ahead is said to have the "bal-one-half billion dollars of European money we ance of trade." But no country as new as have invited to these shores. this can finance itself. Consequently we

month, reflecting some lessening of American Europe which now amounts to billions of demand for European products since April dollars. We must pay interest on that every year, with some principal. Such payments, together with freight charges to foreign shipowners, the insurance premiums to foreign insurance companies, the sums sent by European immigrants back home, and the sums spent by Americans who go touring abroad, add up to an imposing total per year. It is an "invisible" balance. And it always sets against America.

For it must be remembered that, financially speaking, there are only two kinds of nations: lenders of capital, and borrowers (a few, like Tibet, are thrown out of the record entirely as being of no economic importance).

Most of the lending nations are ancient European countries. Time has allowed their riches to accumulate. Great Britain has loaned some \$15,000,000,000 to younger sisters; France and Germany about \$8,000, 000,000; and Holland, Belgium and Switzerland, although smaller in area, have made tremendous advances to "foreigners."

With the comparatively infant nations,— Australia, British India, the Argentines, Brazil, Chile and Mexico—and with those exceptions among the older sisters, such as Japan and China, which are in process of reconstruction—the United States must be grouped.

An Authoritative Estimate

N the files of this department there have reposed for some time various calculations, some bearing more or less eminent financial sanction, of "our debt to Europe." But the estimates varied by amounts of one to five hundred million dollars. It was necessary, though unsatisfactory, to add all the calculations together and divide them by the num-And 1904, it will be remembered, was not ber of calculators. Last month, however, figures were completed on this subject for the National Monetary Commissions' important documentary series by George Paish, editor of the London Statist and an economist of international note. Mr. Paish's work has been distinguished particularly by its careful esting at this time of our disappointingly

First comes the interest on money borrowed no less than \$300,000,000 a year, Mr. Paish The United States trades with Europe. figures, being nearly 5 per cent. on the six and

An offsetting item is the billion and a half

which Americans have invested in other rope of some \$225,000,000.

that Americans abroad spend, over and above foreign buyers, or else this country must go what American residents can extract from into a period of depression and of slackened foreign visitors, the amount of \$170,000,000. enterprise.

Then immigrants to America either send back or take back with them perhaps \$150,-000,000 yearly more than they bring in (through postal money orders alone, there SOME anxiety was evident last month in was sent abroad last year by residents of most "market letters" of brokers, and in was sent abroad last year by residents of

the United States \$90,000,000).

America possesses no shipping, speaking in was the Pennsylvania showing nearly \$200,international terms. Adding the \$25,000,000 000 less for October than last year. That charged by foreign ship-owners to the bills of loss, too, was in "gross" earnings. Before foreign insurance companies, the commissions these figures came out, no great Eastern sysof European bankers who underwrite Amertem had failed to record figures of gross ican securities, and the fees of various kinds, earnings, month by month, larger than for and including the three main items first men- the corresponding months of last year. tioned, a grand total of nearly \$600,000,000 is estimated as the yearly debt of the United "gross" showed a decrease are the St. Paul States to Europe which is "invisible," but and the Southern Pacific. Many others very real indeed.

Good Reasons for Borrowing

exports over imports fails to equal, in a single freight rates. year, less than \$600,000,000. It is true that its borrowings.

crease in the annual production of American look better then. wealth has averaged twenty times the amount

paid to foreigners for capital.

These columns last month showed that of people believe it is not attempted at all nearly one third of the railways of the United on our standard systems. States have been built with foreign capital. general, to "home furnishing."

that of Mr. Paish, since announced).

If the balance does not turn more strongly countries. But there is still left a net yearly in our favor within a very few months, and "invisible" indebtedness of America to Eu- does not maintain the increase, one of two things will have to occur; either American Next are the tourists. Mr. Paish figures prices must be cut down so as to attract

Railroad Ups and Downs

letters from some business investors, con-The final big item is for ocean freight, cerning the state of railroad earnings. Here

Other prominent railroads whose October showed big decreases in "net," as they had

been doing for some time past.

Charges have been widely made that railroads are trying to put their worst foot fore-BY no means must it be diagnosed as a most, to make themselves appear as poor disaster whenever the American excess of as possible, in aid of their plea for higher

There is indeed some flexibility in the such a failure would mean an addition to our railroad accountant's handling of operating already enormous debt to Europe. But it is expenses. For instance, he can make a equally true that sometimes a new country, whopping big item for "this month" out of like a new enterprise, does better by increasing those old engines relegated to the scrap heap-or he can put that item off until For instance, it is estimated that the in-"next month" if the officials think it will

> To manipulate the total of gross earnings is not such a simple matter. Indeed, plenty

It may be, as so many people felt last But by just so much have American citizens month, that the reduction in gross earnings been able to devote their own savings to of railroads are prophecies of some reduction building dwellings, to equipping factories, in dividends. That is not the whole story. to fitting out retail establishments, to im- As pointed out in these columns for Septemproving public grounds, parks and roads—in ber, 1910, there is a curious counterbalance between the figures in railroad gross earn-The caution must be that an increase of ings and the prices of railroad stocks. When borrowing should never be more than tem- the former begin to go down, the latter porary. As shown last month, the pitifully usually start to go up. Nor is this another small American trade balance this year had example of Wall Street deception. It is left us \$365,000,000 behind the payment of simply the financial community's expresour invisible debts "according to the lowest sion of this ancient truth: "when the estimate" (which was \$150,000,000 less than worst is known, men prepare for something better."

NOTEWORTHY FICTION OF THE **SEASON**

likely to record great or even unsurpassed achievement in psychological portraiture. This stationery shop, and who resents every sign of corresponds with an asserted prerogative of unprogress—especially on the part of his offspring. Therefore, when Edwin requests larger pay than a modern. More briefly: we may expect characters pound a week, to enable him to marry, he receives

to be well described and stories badly told. With-out expounding the literary influences and developments which concern these two things, the critic might point to a certain novel appearing in 1904 that exemplified both fine psychology and inferior construction—"The inferior construction-Divine Fire," the first work of May Sinclair. Of her latest novel, "The Creators" (Century), the same comment could be made with equal justice. As to the subject of "The Creators," it might be conveyed in the form of the query: "What effect have love and mar-riage upon authorship?" Miss Sinclair, well studied in the complexities of psychic machinery, answers, "That Depends." In one case an enamored couple write better than ever after they are united. Then, we have a novelist led by caprice to take a girl from a lower class to wife. In six months he tires of her, and his literary production continues as though he had stayed unmated. Another, a very sentimental girl, remains unwed. Her muse, however, chants most melodiously at the times when she is least in love. Still another writer marries an editor, ambitious, practical,

the waning power to create.

FOUR REMARKABLE NOVELS

Arnold Bennett's extraordinary novel "Clayhanger" (Dutton) seems to reject the necessity for the formal structure or logical evolution demanded by the "Rules and By-Laws for the Perfect Novel-Like life itself the story rambles and rushes, and stumbles and shambles, containing all sorts of startling events with little consequence and some trivialities that engender portentous transactions. This seven-hundred-page volume, in fact, constitutes a sort of biography, which, with two related extensive circulation. volumes to follow, promises to reach dimensions "Five o'clock by the sundial on the lawn, and the rivaling "Clarissa Harlowe." Edwin Clayhanger man that had to hight the duel at seven was sound

THE history of twentieth century fiction is is the son and employee of a hidebound, priggish

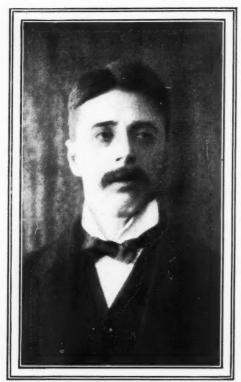
the indignant answer: "Let me tell you that in my time young men married on a pound a week, and glad to!" Blest with such a papa, and brought up in traditions of "stand-pat" stolidity, Edwin's mental career could not be swift. Hence one justification, at least, for so bulky an account. But the pleasure derivable from Mr. Bennett's excellent description of people, places, and episodes, his inclusive comprehension of human nature, his charming sympathy for youth, and an enlivening current of ironic humor which ripples smilingly through the whole-the enjoyment thus to be obtained renders "Clay-hanger" very alluring of perusal.

Horribly repellant, by contrast, looms the hideous House of Bondage" (Moffat). Mr. R. W. Kaufmann's skilful and strong analysis of the white slave abomination is in the main authentic as well as plausible. Although, intent upon drawing a dark picture he occasionally exaggerates, his narrative method is admirable, since he permits himself no irrelevancies, but

makes each personage and incident somehow converge upon the central point of and devoted to his spouse, whose ecstatic felicity interest. And this, he makes it plain, is not nabecomes clouded with the realization of its cost: tional but universal. His scenic selection of New York enables him to show how politicians and magistrates, lawyers and policemen contrive to enrich themselves through criminal affiliations with the sinister "business." He mentions Tammany Hall by name. The statement may seem paradoxical that "The House of Bondage" embodies too much accurate information to be supremely effec-"Uncle Tom's Cabin," a superficial, artificial presentment, was full of emotion; the careful "House of Bondage" is merely full of facts that can be proven. Nevertheless, Mr. Kaufmann has written a powerful and important book, deserving



MISS MAY SINCLAIR (Whose latest novel, "The Creators," is noticed on this page)



ARNOLD BENNETT
(Author of "Clayhanger")

asleep and dreaming." Who so unlikely thus to begin a tale as the author of "Alice-For-Short" and "Somehow Good"? Yet William de Morgan's "An Affair of Dishonor" (Holt) tells not alone of that, but another duel, of a bold abduction, an heroic rescue from drowning, and a grand, blazing cannonade between British ships and Dutch. Such are the active matters in hand in de Morgan's new novel of Restoration days, penned with a beauty of language to make you glad that you can read

English.

One of the most remarkable psychological studies of recent years in the form of fiction is the tenvolume novel depicting the soul development of a great but anonymous German musician. The subject of this monumental work-Jean Christopheborn of humble parents in a little German town, passes through almost every conceivable human experience during a long life in two countries, Germany and France. The first four volumes of the original French known respectively as Dawn, Morning, Youth and Revolt, have been published as one work in the English translation by Gilbert Cannan (Holt). The author, M. Romain Rolland, a new figure in French fiction, is a musical critic who has "a passion for artistic truth." This is the great trial of Jean-Christophe. It is his law. He must tell the truth and have the truth at all costs, in spite of himself, in spite of the world, in spite of life, because he must "answer to the unswerving judgment of his own soul." Jean-Christophe is everywhere "hurled against compromise and untruth, individual and national." The whole series is a story of the adventures and experiences of the soul of the hero, and of course, in greater or less degree, those of every other human being "who passes through this life from the tyranny of the past to the service of the future." Absolute, courageous fidelity to truth, patient, psychological analysis, with a startling keenness and abounding vitality in every character; these are the qualities that stand out in "Jean-Christophe," which Mr. Edmund Gosse the English critic, has called the noblest work of fiction of the twentieth century.

WRITINGS WITH NATIONAL SIGNIFICANCE

Two authors already known for singing the waning glories of the wonderful Far West of America join their voices in a duo to which one must give ear. "The Rules of the Game" (Doubleday), by Stewart Edward White, might properly be called the Epic of the Timber, for it tells us in graphic, living circumstance the whole story of the big trees; their majestic forest congregation; the riches that they represent; crafty endeavors criminally to despoil these splendid natural legacies of the nation, and, on the other hand, resolute efforts to conserve them; the frightful fires which sometimes devastate vast areas; the activities of the early pioneer, of the homesteader who succeeded him, and of the underpaid, ill-used, indispensable government ranger; the workings of the Land Office, with its historical connivance at illicit trans-

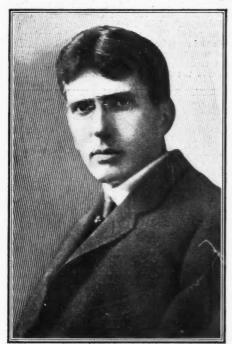


ROMAIN ROLLAND
(The first four volumes of whose novel "Jean-Christophe" has recently been translated into English)

actions; and then, among still other matters, the and grazing tracts. Miss Laut's book has a high dearly loves as to hear that she has a great indramatic force. It seizes and excites, and it stirs the blood to anger; it has descriptive pages of equal potency, one of the best describing an avalanche. Both volumes are valuably educational.
"The Gold Brick" (Bobbs-Merrill) too is an en-

lightening book. Here Brand Whitlock continues his good fight on paper—in office he is doing it as Mayor of Toledo—on behalf of getting government of which we need not be ashamed. One welcomes each successive piece of print from such a champion of such a cause, and "The Gold Brick" constitutes a series of realistic political sketches that every American voter ought to read.

In this country of quick development the new candid spirit of national self-criticism - which some people term "muck-raking"—has grown apace. That it now flourishes should not arouse regret but satisfaction, since the tendency it bespeaks is idealistic. Even when the pessimist complains let us rather listen to him than by refusing shut out a single word of truth which he might



MAYOR BRAND WHITLOCK, OF TOLEDO (Author of "The Gold Brick")

have to tell. "The Husband's Story" (Appleton), at all events, sets forth some bitter beliefs of David Graham Phillips, stated with unimpeachable sincerity in a novel of unmerciful trenchancy—as for

"We American men of the comfortable and actual processes of cutting, milling, driving the luxurious classes are addicted to the habit of regiant logs. Truly an epical narration! Mr. White garding our wives and children as toys, as mere spreads his tale rather evenly over these various sources of amusement not to be taken seriously. phases. Miss Agnes Laut, in the "Freebooters of We all still look upon education as a frill, an ornathe Wilderness" (Moffat), concentrates her view ment. The American woman is a child in education the violence to man and beast and property cation, a child in experience, a child in taste. perpetrated in the course of robbery on a titanic He (her husband) prefers her a child. Her child-scale, including also the ravishment of mining lands ishness rests his tired brain. Nothing she so



MISS AGNES LAUT (Who has just brought out a novel of conservation entitled "Freebooters of the Wilderness")

tellect and a great soul, complete, mysterious, beyond the comprehension of the vulgar male clods about her. That's why they like foreigners. You ought to watch those foreign chaps flatter our women-make perfect fools of them. . Why stay at home when there is an amiable fool willing to mail them his money, while they amuse themselves gadding about Europe or some big city of America? . . . In America, where the mar-riage for sentiment prevails to an extent unknown anywhere else in the world, is not the institution of marriage there in its most uneasy state?'

The woman who was supposed to tell the story set forth in "The Confessions of a Successful Wife" (Harpers), which might be read as a sort of anti-dote for Mr. Phillips' "Husband's Story," belongs to the old-fashioned order. The confessions in question are not concerned with her own ideas, failings, and feelings, but with those of her husband. It is impossible to withhold admiration from the patient, practical heroism of the successful wife, as well as the direct, vivid style of the author of the book-G. Dorset.

Another phase of the same everlasting problem the new woman and her strained relations with the eternal husband—is presented in Jesse Lynch



DAVID GRAHAM PHILLIPS
(Whose novel "The Husband's Story" is noted on the preceding page)

Williams' very spirited story "The Married Life of the Frederic Carrolls" (Scribner). "Molly," the wife and heroine, makes brave efforts to be an old-fashioned wife, but there is something in the atmosphere that almost wrecks her attempt. This novel very profitably and interestingly begins where most novels leave off, at the threshold of that most complicated and most important phase of life, matrimony. As usual, virtue and the old ideals triumph, and everybody applauds.

SOME EXCELLENT SHORT STORIES

Were one, relative to stories, even as voluptuous a glutton as Lucullus in respect of food, one could here sit down to a banquet fit for the most fastidious palate. One would find the fare no less appetizing than varied. The Scribners alone set out three delectable dishes, compounded by Henry James, Edith Wharton, and Richard Harding Davis, and severally entitled "The Finer Grain," "Tales of Men and Ghosts," and "Once Upon a Time." Henry James, of course, sustains his reputation as a dispenser of subtilized caviare. Waiving gastronomic analogy, one must avow that this writer's labyrinthine style is the expression of a preternaturally observant and complex mind; none but an intelligence of the first class could analyze human motive down to such impalpable atoms. Would it not be difficult to name a single story teller, of any clime or epoch, who in this regard could assert superiority to Henry James? Mrs. Wharton—in the front rank of the world's

living makers of fiction—owes something to Henry James; like him and all great artists in fiction she possesses, in a preëminent degree, the two capacities: psychic dissection and the power to arouse curiosity. Her talent for the first receives brilliant illustration in "The Blond Beast," the picture of a hypocritical captain of industry who designs to bribe Heaven and befool the press with the sop of pseudo-religious philanthropy. The second she exhibits to perfection in the mysterious tale of "The Eyes." Mr. Davis' collection, too, contains much stimulus to one's speculative sense. Such yarns as "The Spy" and "A Charmed Life" show him the able entertainer he ever has been.

Mystery, and mystery most ingeniously planned, is the keynote of Dr. Weir Mitchell's "Guillotine Club" (Century). The opening story, for instance, relates how a certain man became another, who felt obliged to fight a duel with his own original. Jack London, however, rarely dallies with the esoteric or fantastic; he must march up to us men of "real" flesh and blood, with bulging muscles and rubicund corpuscles. He goes hard at his mark, does brash young California Jack, and gets there straightaway—like a steam piston-rod. His anthology of narrations may be obtained from the Macmillan establishment, where it has been issued under the title of "When God Laughs." A namesake, almost, L. P. Jacks, reveals unusual cleverness at character study in "Mad Shepherds," provided by Holt. Doubleday-Page have Kipling's "Rewards and Fairies" to their credit, likewise a symposium from the pen of O. Henry, called "Whirligigs." The Kipling collection is in the manner of his "Puck of Pook's Hill," partaking of both the mythical and the historical, and permeated with the exquisitely lyrical. O. Henry gives us stories of Latin America, Western North America, and the Metropolis of All America. Others



JESSE LYNCH WILLIAMS

(Mr. Williams is the author of a very spirited story, entitled

"The Married Life of the Frederic Carrolls"

have written as well about the West as he has, or better than he has, but not the famous Bret Harte himself, bard of the Golden Gate and domains adjacent, indited chronicles more unique than O. Henry, master singer of Manhattan. "Whirligigs" will be devoured with zest by every one having tooth for a genuine ragoût piquant à l'Ameri-

VARIOUSLY COMMENDABLE

Several more fictional productions merit a few words of comment. But let their virtues only be mentioned; the faults they exhibit are sure to reappear in other novels, not yet published but destined ready for review six months hence.

George Meredith's unfinished "Celt and Saxon" comes from the Scribner press. Some months ago we noted its power and range. Diverging traits of those two races form ingredients also of "Lord Alistair's Rebellion," by Allen Upward, to which Mr. Mitchell Kennerley lends his distinctive and entertaining imprint. The caustic iconoclast who wrote that most original tract, "The New Word," now glitters again in the brilliance of his prismatic intellect. Here is an epigram which would have done honor to a La Rochefoucauld: "Every revelation passes through three stages: first, it is a heresy; next, a commonplace; and last, a superstition. But whosoever cherishes great reverence for accepted ways of thinking will spurn this author. No one would take offense at Meredith Nicholson's farcical foolery named "The Siege of the Seven Suitors" (Houghton), than which nothing more hilarious has recently got into print. A pictorially superb cover, initialed S. H., fixes the eye to the outside of "The Sword Maker" (Stokes), by Robert Barr. Within one meets a successful attemptan insecure hand would have blundered about between the ridiculous and the vulgar-to project romantic imaginings of the feudal Rhenish Palatinate into twentieth century English. Mr. Barr shows of the church militant here on earth for the acquisition of glory, in its concrete, aureate circular embodiment, to the disadvantage of plain burgher and still plainer serf. Local atmosphere of pure quality pervades Will Harben's "Dixie Hart' (Harper), of which the scene is laid in Georgia, and also Mary Waller's "Flamstead Quarries" (Little, Brown), chiefly concerning the State of Maine. And James Lane Allen, the poetical, philosophical Kentuckian, publishes with the discriminating Macmillan Company a volume of good American literature bearing the seasonable appellation, "The Doctor's Christmas Eve."

"Burning Daylight" (Macmillan), "The King of the Klondike," "The Hero of the Arctic," and "The Thirty-million-dollar Millionaire of the North," is as striking a character as Jack London of Alice Brown that (as Artemus Ward once put it) has ever created. He is a man fashioned out of the golden, frozen North and endowed with a personality in which the powerful and the gentle are strangely blended. The story shows Mr. London's virile style and psychological insight.

Few writers of the strictly modern fiction display such a sharpness of penetration and bitter wisdom of the world as does Frank Damby (Mrs. Julia Frankau). "Let the Roof Fall In" (Appleton), the latest work of this English au-



ALICE BROWN (Who has won much praise for her new novel, "John Winterbourne's Family")

us secular warrior princelings vying with potentates thor, is a story of English lords, Irish commoners and various other interesting people who live alternately in Britain and Siam. The story is full of sentiment which occasionally becomes sentimentality.

Another story by Ida Wylie, an English woman newer to the ranks of fiction than Frank Danby, is "The Native Born" (Bobbs-Merrill). This is an exciting tale woven around the race question in India, dealing with many important phases of Anglo-Indian and native life.

Maurice Hewlett displays in his latest piece of fiction, "Rest Harrow" (Scribners), the same fresh invention, freedom of thought, and feeling for nature that have characterized his former works.

There is an intimate quality about all the stories will almost justify an incurable case of optimism. In "Iohn Winterbourne's Family" (Houghton-Mifflin) we have another study of social ambitions, intellectual development, and marital complications in New England.







THE NEW BOOKS

TRAVELERS' TALES

BOOKS of travel and the description of countries and provides and the description of countries and the description of countrie tries and peoples near at hand and at the uttermost parts of the earth come from the presses of the publishers all over the world in increasing numbers. Whether the travelers be artists, literary men, students of politics and sociology, or "just tourists," it is surprising how well many of them write and in what excellent manufactured form the publishers bring out their efforts. Take, for example, the two-volume work on "Cathedrals and Cloisters of the Isle de France." This handsomely illustrated work has been written by Elise Whitlock Rose. The pictures are from original photographs by Vida Hunt Francis. History and The pictures are from original incident, art criticism and sociology are crowded into these pages

The latest addition to Mr. Clifton Johnson's entertaining series of "American Highways and Bycomprehensive account of the price in life, sufferways" is a volume on "The Highways and Byways of the Rocky Mountains." This title, however, of the Far North. These stories "have been should not be taken too literally. The book is gleaned, scrap by scrap, from old accounts of the intended to cover the region lying between the Mississippi Valley and the Pacific Coast. It

¹Cathedrals and Cloisters of the Isle de France. By Elise Whitlock Rose. Putnams. 2 vols., 857 pp., ill. \$5. ² Highways and Byways of the Rocky Mountains. By Clifton Johnson. Macmillan. 279 pp., ill. \$2.

IN DISTRESS AT THE NORTH (Frontispiece from "The Toll of the Arctic Seas")

takes its name from the dominant physical feature of that area, but of necessity its text deals both with the mountains and with the great agricultural States that lie to the eastward. In all the volumes of this series Mr. Johnson, who is his own illustrator, avoids the larger towns and seeks for the typical and picturesque in rural life. His photographs are frequently unusual and striking, and his text descriptions equally so.

One useful product of the revival of interest in Polar exploration resulting from the Peary achievement is "The Great White North," by Helen S. Wright. This book sums up the whole story of Arctic exploration from the earliest times to the discovery of the Pole. The illustrations include discovery of the Pole. portraits of all the leading explorers, as well as many interesting bits of Arctic scenery

In "The Toll of the Arctic Seas," Mr. Deltus M. Edwards attempts to give a brief, accurate, yet explorers themselves, from obsolete reports of army and navy inquiries, from private journals and manuscripts, and from such writings of the present-day explorers as were needed to make a complete narrative of the discovery of the North Pole.

One fruit of the anthropological studies that have been conducted in the Philippine archipelago under American auspices is a volume on The Racial Anatomy of the Philippine Islanders, by Dr. Robert Bennett Bean, now of the Tulane University of Louisiana and formerly associate professor of anatomy at the Philippine Medical School in Manila. This book embodies the results of three years' investigation of the Filipinos. A method of segregating types is introduced and affords a ready means of comparing different groups of men. The text is accompanied by nineteen illustrations reproduced from original photographs.

"Islam Lands" is the title of an account of travel in Nubia, the Sudan, Tunisia, and Algeria, by Michael M. Shoemaker. Mr. Shoemaker is an experienced traveler, and in this volume he describes many regions that are remote from the globe-trotters' beaten track.

"Panama and the Canal To-Day"7 is a historical account of the canal project with a comprehensive description of the physical features and natural resources of the country, by Forbes Lindsay, author of "Panama, The Isthmus and the Canal." Now that the construction of the canal has entered upon its final stage, this account of the work that has been done and description of the plans upon which it will be finished is especially timely. Mr. Lindsay has obtained the material at first hand or from experts who have carefully investi-

³ The Great White North. By Helen S. Wright. Macmillan. 489 pp., ill. \$2.50.

⁴ The Toll of the Arctic Seas. By Deltus M. Edwards. Henry Holt & Company. 449 pp., ill. \$2.50.

⁵ Racial Anatomy of the Philippine Islanders. By Robert Bennett Bean, M.D. Lippincott. 236 pp., ill. \$2.6 Islam Lands. By Michael Myers Shoemaker. Putnams. 251 pp., ill. \$2.50.

⁷ Panama and the Canal To-Day. By Forbes Lindsay. L. C. Page & Co. 427 pp., ill. \$3.

gated the resources of the isthmus. More than fifty illustrations from recent photographs, and five maps, accompany the text.

Impressions of Cuba¹ gathered during ten years' residence on the island are set forth in a volume of 500 pages by Irene A. Wright, who has traveled much through the provinces on work entailed, first, by connections with local newspapers, next by appointment as a special agent of the Cuban department of agriculture, and finally by the business of editing a monthly magazine which describes the island principally from the agricultural and industrial points of view. During and immediately after the Spanish war descriptions of Cuba flooded the market, but within recent years comparatively few works of this character have found publishers.

island that is not to be found in earlier works

"Pages from the Book of Paris" is the title of a series of racy sketches by Claude C. Washburn, illustrated from etchings and drawings by Lester G. Hornby. The book gives, in word and drawing, the impressions and adventures of these two young Americans—one a writer, the other an artist—each of whom is thoroughly familiar with the city and most foreigners see.

And so on through the ever-extending list dealing with travel throughout the civilized and uncivilized world. Besides the more noteworthy volumes already briefly described, mention should Spanish things in general come in for some lively than of her historic characters, that this author writes. A good deal of interesting information, and many useful pictures, may be found in Mr. R. F. Johnston's "Lion and Dragon in Northern China."4 Mr. Johnston, who has been for some years a magisstrate in Wei-hai-wei, knows whereof he speaks. development of natural resources, are the subjects considered. In "An Englishman in Ireland," 6 Mr. R. A. Scott-James gives his impressions, by text and picture, of a canoeing trip through the Emerald Isle. Then there is the account of a motor trip in Europe taken by two Americans, A. T. and B. R. Wood, which is given us, with pictures, under the



A BRAZILIAN FRUIT MARKET

(Illustration from N. O. Winter's "Brazil and Her People To-Day")

The present account is brought down to date and general title "Ribbon Roads." Under the rather contains a great deal of information about the unusual title, "The River and I," Mr. John G. Neihardt, who is sometimes known as the "Nebraska poet," tells the story of his descent of the Missouri River in quest of exercise, adventure, and impressions. A perusal of the book convinces one that he got what he sought. "Florida Trails," by Winthrop Packard, is a handsomely illustrated description of several years' travel in the State at all seasons. A sober book of literary interest is with the vagaries of its inhabitants. The product Helen Archibald Clarke's illustrated description of is a fascinating interpretation of Parisian life itself, "Hawthorne's Country," dealing with New Engas well as a clever exposé of the parody of it which land and the scenes of his European tour as well.

NEW BOOKS ABOUT THE "DARK CONTINENT"

The rapidity with which the "Dark Continent" is emerging into the light of print is truly remarkable. Steadily the number of books and magazine be made of the following: Spain, Spaniards, and articles on topics relating to Africa and African conditions increases. We frequently mention in and entertaining description in Miss E. Boyle these pages the more noteworthy of these publica-O'Reilly's volume "Heroic Spain." It is of the tions. The present book season has been marked heroism in the soul of the Spanish people, rather by an unusual number. The very important exploring expedition headed by the Duke of Mecklenburg, which thoroughly studied extensive tracts of Central Africa during 1907-08, has found its historian in the Duke himself. "In the Heart of Africa," which is the title, correctly describes the expedition and the contents of the book. Duke L. C. Page & Co. have made a very handsome Adolphus Frederick, of Mecklenburg, who has an volume of N. O. Winter's "Brazil and Her People enviable reputation as a traveler and a sportsman, of To-day." Customs, characteristics, amusements, and history, with suggestions as to the investigation of the entire German East African Protectorate, and traversed the entire heart of the continent, including a large portion of the Congo State. The volume is illustrated from photographs taken by the author, some of them reproduced in color.

Two other volumes consider Africa from the viewpoint of the sportsman. Richard Tjader 12 attempts to handle the matter very thoroughly not

Ribbon Roads. By A. T. and B. R. Wood. Putnam.

r Ribbon Roads. By A. T. and B. R. Wood. Putnam. 222 pp., ill. \$2.50.

The River and I. By John G. Neihardt. Putnam. 325 pp., ill. \$3.

Florida Trails. By Winthrop Packard. Small, Maynard & Co. 300 pp., ill. \$3.

Hawthorne's Country. By Helen A. Clarke. Baker & Taylor Company. 348 pp., ill. \$2.50.

In the Heart of Africa. By Adolphus Frederick, Duke of Mecklenburg. Cassell & Co. 295 pp., ill. \$5.

The Big Game of Africa. By Richard Tjader. Appletons. 364 pp., ill. \$3.

¹ Cuba. By Irene A. Wright. Macmillan. 512 pp., ill.

² Pages from the Book of Paris. By Claude C. Washburn and Lester G. Hornby. Houghton, Mifflin Company. 277 pp., ill. \$3.

4 Heroic Spain. By E. Boyle O'Reilly. Duffield. 440 pp., ill. \$2.50.

4 Llon and Dragon in Northern China. By R. F. Johnston. Duffon. 460 pp., ill. \$5.

nn. Dutton. 460 pp., ill. \$5.

Brazil and Her People of To-day. By Nevin O. Winter,
C. Page & Co. 388 pp., ill. \$3.

An Englishman in Ireland. By R. Scott-James. Dutn. 264 pp., ill. \$2.

only giving his own experiences but drawing from the experiences of others and in making copious suggestions to the would-be African big-game hunter as to the selection of the outfit for the trip,



BARONESS BERTHA VON SUTTNER (Who has just brought out her "Memoirs")

as to the linguistic equipment he will need, and in general providing material usually found in a highelass illustrated guide-book. In "Uganda for a Holiday," I Sir Frederick Treves, who was one of the surgeons attached to the personal household of the late King Edward of England, endeavors to "be of some service to the unspecialized traveler who wants to go somewhere and who might profitably go to Uganda." This book is also copiously illustrated.

Mr. Edgar Allen Forbes has fairly packed with information his travel book which he has entitled "The Land of the White Helmet" and subtitled "Lights and Shadows Across Africa." Mr. Forbes, who has been for some years managing editor of the World's Work, has tried to see the African of to-day with American eyes and to tell the story thereof without fear or favor of any man. The pictures are from photographs taken by the author and are very varied in subject.

The subject is very appropriately rounded off by a mention of Mr. John T. McCutcheon's humorous story of his hunting adventures in Africa. Mr. McCutcheon is known far and wide as the cartoonist of the Chicago *Tribune*. In his book, which is copiously illustrated from photographs and a number of mirth-provoking sketches, he tells us he has merely attempted to "relate the experiences of a self-confessed amateur," to the "accompaniment of some mildly stimulating pictures."

BIOGRAPHY

It has not been permitted to many women to exert so widespread, intelligent and effective influence toward general peace between nations, as that which is already to the credit of the Austrian authoress and philanthropist, Baroness Bertha von Suttner. Four years ago this lady received world-wide recognition for the vigor and effectiveness of her book "Lay Down Your Arms"—" Die Waffen Nieder." Two years later Baroness von Suttner received the Nobel prize for peace. In her recently published memoirs, which have just appeared in two volumes with the subtitle: "Records of an Eventful Life," Baroness von Suttner gives an absorbingly interesting account of her work for "international fraternization." "Lay Down Your Arms" has been called the Uncle Tom's Cabin of the peace movement.

A comprehensive study of that remarkable woman, the late Empress Dowager of China, Tzu Hsi,⁵ by J. O. P. Bland and E. Backhouse, comes to us from London, imported by the Lippincotts. This is a history, very graphically told, of the life and times of the shrewd old Chinese Empress, compiled from state papers and the private diary

of her chamberlain.

⁴ Memoirs of Bertha von Suttner. By Baroness Bertha von Suttner. Ginn & Co. 2 vols. 891 pp. \$5.50.

⁵ China Under the Empress Dowager. By J. O. P. Bland and E. Backhouse. Lippincott. 525 pp., ill. \$4.



THE DUKE OF MECKLENBERG WITH A PAIR OF ELEPHANT TUSKS THAT SHOW HIS PROWESS AS A HUNTER (See page 123)

¹ Uganda for a Holiday. By Sir Frederick Treves, Dutton. 233 pp., ill. \$2.50. ² The Land of the White Helmet. By Edgar Allen Forbes. Revell. 356 pp., ill. \$1.50. ² In Africa. By John T. McCutcheon. Bobbs-Merrill Company. 402 pp., ill. \$3.

Of the making of books on the great Napoleon there is apparently no end. The subject is approached from a new angle in the autobiography of the great emperor which has been recently issued under the title "The Corsican." It is the diary of Napoleon, which has been compiled and translated by R. M. Johnson. The entire book is made up of Napoleon's own words, with the exception of a few bracketed passages which the editor has thought necessary. The volume is one of un-usual biographical and psychological interest, since it contains the frank and vivid opinions of one of the most extraordinary of men on his military campaigns and the public affairs of his country, as well as the more intimate details of his domestic life and even his thoughts and moods. Another biographical work—with a more limited range, however—is "Napoleon in His Own Defense." This is a compilation of notes and correspondence, together with an essay on Napoleon as a man of letters, by Clement Shorter. Finally we note a new library edition, in four volumes, of Prof. William M. Sloane's "Life of Napoleon Bonaparte."

Lord Rosebery's biography of Chatham,4 which is very full and painstaking in its treatment, pictures the comparatively obscure period of the youth of the great William Pitt. The volume ends with the great Englishman's accession to the nominal secretaryship of state and the virtual position of premier in 1756. Lord Rosebery has made most interesting use of a large number of letters,



CAGLIOSTRO

hitherto unpublished, of a personal and confidential nature.

The latest work on Balzac,5 by Frederick Lawton, contains virtually all that is known of the life

The Corsican. By Napoleon Bonaparte. Houghton-Mifflin Company. 526 pp. \$1.75.

Napoleon in His Own Defense. By Clement Shorter.
Cassell & Co. 284 pp., Ill. \$4.

The Life of Napoleon Bonaparte. By William M.
Sloane. Century. 4 vols., ill. \$10.

Lord Chatham: His Early Life and Connections. By Lord Rosebery. Harpers. 481 pp., ill. \$3.

Balzac. By Frederick Lawton. Wessels & Bissell Company. 388 pp., ill. \$4.



MADAME HANSKA AFTER HER MARRIAGE WITH BALZAC

(From the painting by Gigoux)

of the author of the "Comédie Humaine," with a number of pictures some of them rare-that very well illustrate the text.

Cagliostro is a mere name to most of us. What he was, what he saw, and what he did to make magic, hypnotism, and free-masonry known to the world, -in short, as the subtitle has it, "The Splendor and Misery of a Master of Magic, are set forth in W. R. H. Trowbridge's volume of biography.6 This volume is copiously illustrated.

Other biographical studies of more restricted historical and literary interest are: "The Japanese Letters of Lafcadio Hearn," edited by Eliza-beth Bisland (Houghton-Mifflin); "The Winter Queen,"—Elizabeth of Bohemia,—by Marie Hay (Houghton-Mifflin); "Dante Alighieri," by Paget Toynbee (Macmillan); "Mazzini and Other Essays," by Henry Demarest Lloyd (Putnams); and "Heroes of California," by George Wharton James (Little, Brown).

PAINTING, ENGRAVING, AND MUSIC

Mr. John C. Van Dyke has given us another helpful book on art. This latest volume, entitled 'What Is Art?"7 is likely to become as indispensable to students as his former invaluable work, "How to Judge a Picture." His intention, as stated in the preface, is to present an argument for "art as an expression of life." This he has

Cagliostro. By W. R. H. Trowbridge. Dutton, 312 pp., ill. \$3.50. What Is Art? By John C. Van Dyke. Scribners. 154 pp. \$1.



PORTRAIT OF POMPONE DE BELLIEVRE (Frederick Keppel in his book "The Golden Age of Engrav-"says this is," in the opinion of connoisseurs, the most beautiful portrait in all line engraving")

done most admirably in the six chapters of the book, viz: "What Is Art?" "The Use of the Model," "Quality in Art," "Art History," "Art Criticism," and "Art Appreciation." These chapters are summarized neatly in a table of contents. This summary enables one to turn to any particular subject or criticism without trouble. Mr. Van Dyke holds that art is a race quality that filters through the materialism of every age in forms of beauty. He maintains that the picture lies not in the subject so much as in the point of view; that art is the portraying of an exquisite mood, not the mere delineation of the subject in hand. To overcome our skepticism he points out Corot's atmosphere of perpetual twilight and Monet's and in nature as in the mood of the artists. He recollections. deprecates the value of much generally accepted art history and sheds a new light upon art criticism. Original American art, free from any servility to foreign influence, receives his generous praise and appreciation. He has the hardihood to think the modern skyscraper possessed of a dis-tinct artistic value. Mr. Van Dyke's books are perhaps the most useful books on art both for the sophisticated and the unsophisticated. As literary art they are stimulating and charming.

It is not often that we are permitted to get an intimate knowledge of the development of a painter's career, particularly as frankly and fully revealed by himself, as we have in Will H. Low's "A Painter's Progress." This volume, finely illustrated, is made up of the lectures delivered by Mr. Low last spring before the Art Institute of Chicago. They give, he tells us, only a "partial survey along the pathway of art in America and Europe, with sundry examples and precepts culled from personal encounter with existing conditions

¹ A Painter's Progress. By Will H. Low. Scribners. 300 pp., ill. \$1.50.

and reference to the careers of many artists, both ancient and modern.

Mr. Frederick Keppel, an eminent authority on all the graphic arts, particularly engraving, in confessing to his sixty-five years, observes in his fascinating volume, "The Golden Age of Engraving," that since he is in the Indian summer of "anec-dotage," which supervenes before real do-tage, he will endeavor to illumine and freshen his story of engraving through the ages by as many illustrations of our common human nature and as many entertaining stories as possible. This he has done in the very handsomely manufactured volume already mentioned, to the accompaniment of some very fine illustrations. Engravers ancient and modern, their experiences and their contributions to the progress of the art, are absorbingly described and set in their proper niche. An excellent bibliography completes the volume.

The "mystery of musical emotion" is the subject of a clearly put, fascinatingly constructed volume by Albert Gehring, entitled "The Basis of Musical Pleasure," a title which is elaborated further as being supplemented by "A Consideration of the Opera Problem and the Expression of

Emotions in Music.

The "Correct Principles of Classical Singing,"4 by Max Heinrich, so long an undisputed authority in American as well as European vocal culture, must of necessity contain a good deal of valuable information. There are chapters in this book on "Choosing a Teacher," "The Art of Singing," and "Oratorio Singing."

NEW VOLUMES OF HISTORY

Gen. Morris Schaff's account of the Battle of the Wilderness,5 while written by a military man with strictly military fidelity to details, has little of the flavor of an official report. The author was a young West Point graduate of twenty-four at the time when the battle took place, and in his story of what he saw he makes no attempt to conceal his personal impressions as he now recalls them, but on the contrary gives a simple, vividly human account of all that he saw and felt. confesses that the purely military features of the battle impressed him less than the spirit of the combatants. As a piece of literary description General Schaff's book has not had its equal re-Turner's sunlight, all of which existed not so much cently among the various volumes of Civil War

A fifth edition of Mr. Rossiter Johnson's "History of the War of Secession"6 has been called for, and this work (written many years after the close of the conflict) seems to have been accepted as a fairly impartial answer to the questions, How did it happen that the war took place at all? What was its general course? and What were the motive forces that brought it on, prolonged it, and finished it? It was to answer these questions, rather than to offer minute studies of separate campaigns and engagements of the war, that the author prepared this compact and serviceable history

Col. William H. Crook, who was bodyguard to President Lincoln and later served at the White House during the administrations of Johnson, Grant, Hayes, Garfield, and Arthur, has written

a The Golden Age of Engraving. By Frederick Keppel. Baker & Taylor Company. 314 pp., ill. \$3.50.
a The Basis of Musical Pleasure. By Albert Gehring. Putnam. 196 pp. \$1.50.
a Correct Principles of Classical Singing. By Max Heinrich. Lothrop. Lee & Shepard. 155 pp., ill. \$1.50.
a The Battle of the Wilderness. By Morris Schaff. Houghton, Mifflin Company. 345 pp. \$2.
a History of the War of Secession. By Rossiter Johnson. New York: Wessels & Bissell Company. 574 pp. \$2.

a book of reminiscences called "Through Five Administrations." Colonel Crook gives in this book many details of Lin-coln's life at the White House and relates a number of new anecdotes bearing thereon. In the same way he deals with the administrations of Lincoln's successors. His account has a certain value as an inside view of episodes of national importance.

The seventh, eighth, and ninth volumes of the "Documentary History of American Industrial Society"2 deal with the labor movement during the years 1840-1880. Prof. John R. Commons, who has selected and edited the material for these volumes, has brought to light many littleknown facts regarding the relations of the labor movement to political organizations during the '40's and '50's of the last century. Especially interesting are the documents tending to show the important part played by agitators for land reform in the early days of the Republican party

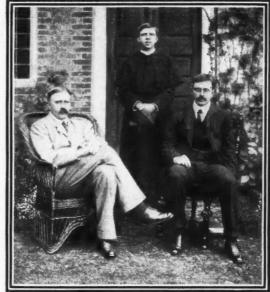
Mr. William B. Weeden, author of the "Economic and Social History of New England," has written "Early Rhode Island: A Social History of the People."3 Mr. Wheeden has drawn on the old records, both in print and in manuscript, to show what were the early ways of living in the society developed on Narragansett Bay. Heretofore a great part of what has been written about early Rhode

logical controversies and the beginnings of political ference in session. organization. Mr. Wheeden tells us more about the social side of the people and how in comparative isolation they built up a new civilization.

of all times and nations, Emily James Putnam considers "The Lady" at certain significant crises of her history. Education, domestic and social life, duties, occupations and pleasures, matrimonial relations, and her general position with regard to the affairs of the great world, are all considered, beginning with the Greek lady and ending with her sister of the twentieth century. The volume is illustrated.

The historical story "Sicily in Shadow and in Sun" told in modern language, and for the most part, through the words of a traveler who visited the island after the disastrous earthquake has been written by Maud Howe, with numerous illustrations including pictures from photographs. story of the American relief work after the earthquake is picturesquely told.

In "Echoes from Edinburgh, 1910," Mr.W. H. T. Gairdner has given a popular account of the World Missionary Conference held in the Scottish capital last summer. There is an introduction by



Father Robert H. Benson THREE LITERARY BROTHERS; THE SONS OF ARCHBISHOP BENSON

("The Silent Isle," by Mr. A. C. Benson, is noticed herewith)

Island has had to do almost exclusively with theo- John R. Mott and a striking picture of the con-

LITERATURE

"The Silent Isle"7 is a volume of delightful In a series of imaginary portraits, or intimate essays by Arthur Christopher Benson. Its sub-and graphic studies, of the highborn culture woman ject matter is somewhat reminiscent of an earlier ject matter is somewhat reminiscent of an earlier collection entitled "From a College Window," issued by Mr. Benson in 1906. All of the writings of this author—he has given us a half-dozen volumes within as many years—have a decided biographical trend. Taken as a whole they might be grouped under one general title of "memoirs. Each succeeding volume portrays more definitely the inner life of a man whose richness of personality is tempered and guided by an almost ascetic ideal of personal conduct. "The Silent Isle" is a book for the quiet hour of the day. When we have closed the door on the clamor of life, it leads on to a "garden of refreshment which the pilgrim may enter by the way." From the author's record of his own personal experience, he departs like a pious palmer on a pilgrimage to many shrines. He writes of art, of life and literature, of men and women with a naive simplicity expressed in poetic prose. He is in earnest, even when he meanders delicately around his subject, but his meaning is often veiled in a haze of emotional fancy. Although he would arm us with high courage and point the way to spiritual dominion, his desire for salvation is mainly the desire for the salvation of his own soul, a Tolstoyian doctrine of personal perfection. Mr. Benson is at his best when he writes of nature and beauty. This is shown clearly in his exquisite paragraphs on the "spirit of art" and the chapters on Keats. There is a tang of Hazlitt in many of his descriptive

⁷ The Silent Isle. By Arthur Christopher Benson. Putnams. 448 pp. \$1.50.

¹ Through Five Administrations: Reminiscences of Col. William H. Crook. Compiled and edited by Margarita Spalding Gerry. Harpers. 280 pp., ill. \$1.00 and Pargarita Spalding Gerry. Harpers. 280 pp., ill. \$1.00 and Pargarita Society, Vols. VII., VIII., and IX. Cleveland: Arthur H. Clark Company. \$5 each.

¹ Early Rhode Island. By William B. Weeden. Grafton Press. 381 pp., ill. \$2.50.

⁴ The Lady. By Emily James Putnam. Sturgis & Walton Company. 232 pp., ill. \$4.

‐ 8 Scily in Shadow and in Sun. By Maud Howe. Little, Brown & Company. 490 pp., ill. \$3.

‐ 8 Echoes from Edinburgh, 1910. By W. H. T. Gairdner. Revell. 281 pp., ill. \$1.



MRS. EMERSON (From a daguerreotype about 1847, appearing now in "Emerson's Journals")

passages, although he has little of the brilliancy of phrasing possessed by that essayist. Mr. Benson does not attempt, however, to make all knowledge his province. He is more or less to our taste in so far as we are capable of appreciating, to use his own expression, the "subtle flavors of life."

Among scholarly works on purely literary subjects, two new volumes of the "Cambridge History of English Literature" take first place. We have had occasion from time to time, as the volumes of this monumental work have appeared, to refer appreciatively to its scholarship and general usefulness. Volumes V. and VI. have recently appeared. Both of these are devoted to the drama and are subtitled parts I and 2. Part I treats of the drama to 1642; Part 2, the Elizabethan and Jacobean drama. As in volumes already issued, each subject and division is the work of a writer generally accepted as an authority.

A year or so ago this magazine noted the appearance of the first two volumes of Emerson's "Journals," bringing the correspondence down to the year 1833. Two other volumes have now been issued, covering dates from 1833 to 1838. The first of these two (Volume III. of the entire series) gives the log of the philosopher's European tour,

beginning in 1833, and tells humorously of his experiences with the great men and women he met. It also deals with the time of his marriage. Vol-ume IV. is full of "thoughts rather than events." It would appear that William D. Howells had

taken the earth for his possession. Apparently there are few persons or things or subjects that he has not already considered in his all-inclusive literary philosophy. This is simply preliminary to saying that Mr. Howells' name appears on another book of essays and observations on life in general, this time under the title "Imaginary Interviews."3

The rather ambitious effort of the Neale Publishing Company to bring out the collected works of Ambrose Bierce' is to be completed in ten vol-umes. It has been said that "Bierce always radiates brilliancy." The publishers have brought out the first three volumes in appropriate mechanical form.

We have now for the first time the collection of all the poems of Eugene Field complete in one volume. Field is so firmly established in the Field is so firmly established in the affections of the American reading public that it is rather surprising no standard edition of his verses has been issued up to the present time. The volume here noted seems to be satisfactory in every

Especially noteworthy of mention is Mr. Sidney Lee's account of the literary relations between England and France in the sixteenth century, which he has brought out under the title "The French Renaissance in England." 6

The quota of books on Shakespeareana includes: "An Introduction to Shakespeare," by three members of the Yale faculty—H. N. MacCracken, F. E. Pierce, and W. H. Durham (Macmillan): "The Tragedy of Hamlet," by Henry Frank (Sherman, French & Co.); "Stories from Shakespeare," by Thomas Carter (Crowell & Co.); and "Bacon Is Shakespeare," by Edwin Durning-Lawrence (John McBride Company).

AN INDISPENSABLE INDEX

Too few readers are familiar with the valuable index to current periodicals known as the "Readers' Guide to Periodical Literature." The current cumulation, covering the years 1905-1909, is not only an index to ninety-nine distinct periodicals; it also includes in the same alphabet an index to 430 books, reports, collections of essays, and travel sketches-in other words, composite books, or books whose contents are frequently not clearly indicated by their titles. The present volume of the "Readers' Guide" consists of 2500 pages, closely printed, and is by far the most complete summary of the kind ever made.



The Collected Works of Ambrose Bierce, Vols. I., II., and III. Neale Publishing Company. 1229 pp. \$2.50 per volume.

The Poems of Eugene Field. Scribners. 553 pp. \$2.6 The French Renaissance in England. By Sidney Lee, Scribners. 494 pp. \$2.50.

Readers' Guide to Periodical Literature. Edited by Anna Lorraine Guthrie. Minneapolis: H. W. Wilson Company. 2500 pp. \$24.

¹ The Cambridge History of English Literature. Vols. V. and VI. Edited by A. W. Ward and A. R. Walter. Putnam. 1151 pp. \$2.50 per volume. ² Emerson's Journals. Vols. III. and IV. Houghton-Mifflin Company. 1071 pp. \$1.75 per volume. ³ Imaginary Interviews. By William Dean Howells. Harpers. 359 pp., ill. \$2.